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The Lohrman Seed Co.

Seed
Growers
and
Merchants

Brush and Macomb Sts.

EAST MARKET BRANCH:

1340 Napoleon St.

DETROIT,
Michigan

1925



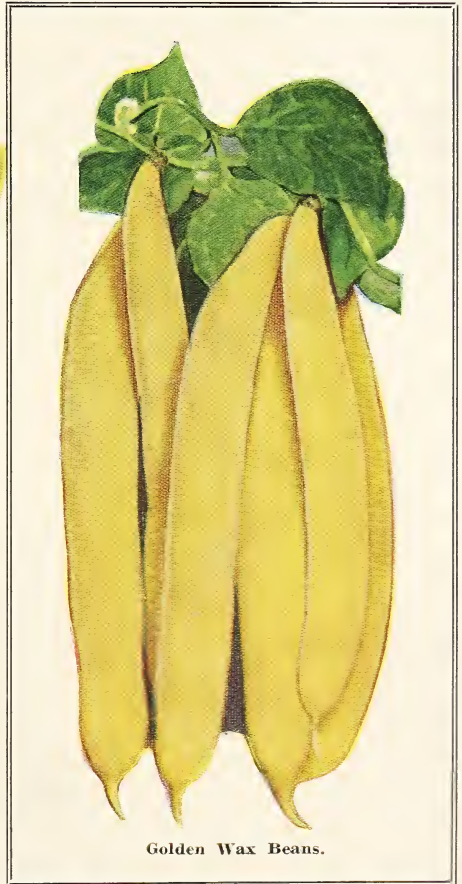
Early Scarlet
Globe Radishes.



Extra Early Lake Champlain Muskmelon.



White Spine Cucumbers.



Golden Wax Beans.



Fertilizers for Lawns, Gardens and House Plants

Beware of stable manure. It will fill your lawn with weeds, and cause you many times the cost of a good commercial fertilizer, such as Sheep Manure or Bone Meal.

Two Good Fertilizers for Your Lawn and Garden

Pulverized Sheep Manure

FREE FROM WEEDS

This is a pure, natural manure and one of the most nutritious foods for plants. Its effect is immediate. It is very rich, safe and gives quick results. It will give excellent results on flower beds, lawns or in vegetable gardens, as it contains all the elements for promoting a quick, luxuriant growth, as well as adding body to the plant. Can be used either in dry form or dissolved to make a liquid manure. If applied dry, no raking off is required, as it does not disfigure the grounds, nor does it contain seeds of foul weeds, nor offensive odor. One of the most extensively used of animal manures. The analysis shows it to be a perfectly balanced plant food. Pulverized Sheep Manure acts quickly and for the garden, lawn or greenhouse nothing surpasses it; it is clean and easily handled, besides giving immediate re-

sults. Use 50 pounds for lawn or garden 20 x 50 feet or 1000 square feet. 2 lbs., 25c; 5 lbs., 40c; 10 lbs., 75c; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.50; 500 lbs., \$15.00; 1000 lbs., \$26.00; ton (2000 lbs.), \$50.00.

Bone Meal

Stable dressing is unpleasant to handle and always contains more or less weed seeds. There are no weed seeds in this fertilizer. It will impart to your lawn that much desired dark green and velvety appearance. Should be applied as a top dressing either in Spring or Fall. Unusually rich in nitrogen and phosphoric acid, the two principal plant foods. We recommend this especially for lawns, gardens and greenhouses, or any purpose where a high class fertilizer counts. Use 50 pounds for lawn or garden 20 x 50 feet or 1000 square feet. Lb., 10c; 5 lbs., 40c; 10 lbs., 70c; 25 lbs., \$1.50; 50 lbs., \$2.50; 100 lbs., \$4.50.

Shredded Cattle Manure

An efficient, high grade natural fertilizer for all general purposes, manufactured by special process from selected fresh cleanings from cattle pens. There is no offensive odor, and when spread on lawn and garden it works down into the soil so that there is no refuse to blow about or be raked off when the growing season begins. If applied to the lawn in the Fall, it protects the grass roots all through the Winter. It is as easy and clean to handle as grain, being perfectly dry and can be stored anywhere until wanted for use. Use 100 pounds for 20 x 50 feet or 1000 square feet. 100 lbs., \$3.50; 500 lbs., \$15.00; 1000 lbs., \$26.00; ton (2000 lbs.), \$50.00.

Nitrate of Soda

Used to create a rapid growth and should not be used until plants are well above the ground. **Caution**—Being rich in nitrogen, it is quick in action, therefore, unless used carefully, great harm can be done. Use at the rate of one pound to every 50 square feet, or scatter it along the row within an inch of so of the plant. In liquid form a tablespoonful to 3 gallons of water, taking great care not to get it onto the foliage. Lb., 20c; 5 lbs., 75c; 10 lbs., \$1.25; 25 lbs., \$2.50; 100 lbs., \$7.00.

Agricultural Hydrated Lime

It supplies the element calcium to plants; it makes "sour soil sweet," changes an acid condition to a slightly alkaline one; it has the power to shrink clay and adobe soils, making a larger number of crumbs from a sticky mass; it prevents packing, baking and cracking, makes cultivating easier; it promotes the normal decay of organic matter in the soil. It destroys fungus and the germs of insect life that infest the soil. Hydrated Lime, because of its fineness, high calcium content and concentrated condition, is the ideal agricultural lime and the most economical on the market. Use one-half less than other forms of lime. Apply 50 pounds for lawn or garden 20 x 50 feet or 1000 square feet. In sacks weighing 50 lbs., per sack, \$1.50; 2 sacks (100 lbs.), \$2.50; 500 lbs., \$10.00; 2000 lbs., \$30.00.

Lohrman's Special Lawn and Garden Fertilizer

A very desirable high grade all around fertilizer. There is sufficient ammonia to give the young plants a quick and vigorous start, and maintain a healthy growth. Grass and early garden truck need lots of phosphoric acid, which this supplies. For lawns, make first application in the early Spring when the frost is out of the ground, distribute evenly 25 pounds of fertilizer to every 1000 square feet of lawn. In seeding down a new lawn, scatter double the amount, 50 pounds of fertilizer to every 1000 square feet; rake thoroughly, then sow seed. Lb., 10c; 5 lbs., 35c; 10 lbs., 60c; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.50.

Sulphate of Ammonia

Used for its nitrogen. A very desirable fertilizer for all plants in which a large leaf development or rapid growth is desired. Use one pound to 50 square feet of ground or bench, or a tablespoonful to a bushel of soil, or 3 gallons of water. Lb., 20c; 5 lbs., 75c; 10 lbs., \$1.25; 25 lbs., \$2.50; 100 lbs., \$7.00.

Muriate of Potash

A popular form of the essential potash salts. It produces a very beneficial effect when applied to hay or pasture fields at the rate of 100 to 150 pounds to the acre. All root crops, potatoes, beets, turnips, and the like, require a large proportion of potash in order to develop properly. Lb., 20c; 5 lbs., 75c; 10 lbs., \$1.25; 25 lbs., \$2.50; 100 lbs., \$7.00.

Phosphate

Sixteen per cent Acid Phosphate. Best grade. 5 lbs., 35c; 10 lbs., 60c; 25 lbs., \$1.25; 125 lb. sack, \$3.50.

Lohrman's "SUCCESS" Vegetable Seeds

In the following pages, alphabetically arranged, we list only the cream of all the varieties of vegetable seeds which, by actual test, have proven themselves worthy. In making tests of seeds we have thrown out many varieties that have been superseded by better ones. From good seeds only can good crops be grown, and you should never risk planting an inferior grade of seed. It has oftentimes been said that in addition to planting good seeds, good gardeners are also necessary in producing a satisfactory crop. Seeds of the best quality sometimes fail through improper treatment, sowing the seeds too deep or too shallow, or in too wet or too dry soil. Some seeds will germinate rapidly if sown at a certain temperature, while others, if sown under the same conditions, are apt to decay. For these reasons we cannot, of course, guarantee or be responsible for a crop, as success is dependable upon natural causes, which are beyond human control.

LOHRMAN SEED COMPANY GIVES NO WARRANTY, EXPRESS OR IMPLIED, as to description, purity, productiveness, or any other matter of any seeds, plants or bulbs they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

Asparagus

PALMETTO. An early green variety, prolific, and very good quality. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00.

WASHINGTON RUST-PROOF. The rust-resistant variety. This variety originated with the Department of Agriculture, Washington, D. C., after years of careful hybridizing and selection. Only vigorous-growing plants, free from rust, were used. Should be used on account of its disease-resistant quality. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.50.

Asparagus Roots

PALMETTO ASPARAGUS ROOTS. Two-year-old. Can be supplied in early Spring. \$1.50 per 100.

WASHINGTON ASPARAGUS ROOTS. Two-year-old. \$2.50 per 100.

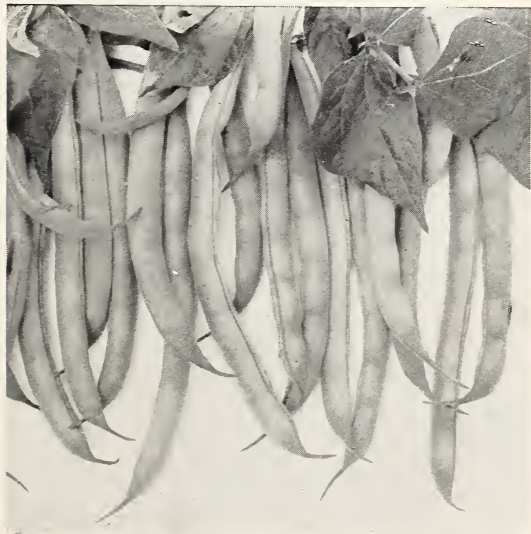
Lohrman's Selected Beans

One pound will plant 100 feet of row; 60 pounds will plant an acre. Not less than 10 pounds at the 100 pound rate. If ordered shipped prepaid, add 8c per pound.

This seed should not be planted before the ground becomes light and warm, in favorable seasons usually about May first. Have the soil well worked, rich and mellow, scatter the seeds about three inches apart in drills 2 feet apart, and cover them 2 inches deep. Successive sowings made at intervals of 15 days until August 15th to 20th will give a plentiful supply of Beans through the Summer.

Dwarf Butter or Wax Podded Varieties

GOLDEN WAX. This is one of the earliest and best dwarf Beans for the home market and private garden. Pod is semi-round, yellow, of good quality, and has no string. Pkt., 10c; lb., 35c; 5 lbs., \$1.25; 100 lbs., \$20.00.



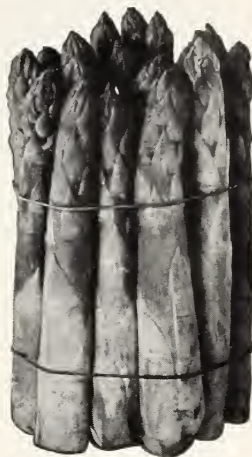
Golden Wax Beans.

WARDWELL'S KIDNEY

WAX. Hardy and productive. Pods long, broad, thick, flat, and of delicate waxy yellow. The plants are strong growing and bear their pods well up from the ground. Pkt., 10c; lb., 40c; 5 lbs., \$1.60; 100 lbs., \$26.00.

DAVIS WHITE WAX. This Bean is very often used in a dry state for cooking. The dry Bean is kidney-shaped and white in color. Pods are long, meaty, and flat in shape. Pkt., 10c; lb., 40c; 5 lbs., \$1.60; 100 lbs., \$26.00.

UNRIVALED WAX. This excellent sort produces an enormous crop of pods in about 43 days, on a small, vigorous-growing, dwarf plant. The pods are about 5½ inches long, semi-flat, fleshy, of fine texture, and excellent flavor. They remain in good condition for a long time. Color of pods a beautiful light yellow and almost transparent. Pkt., 10c; lb., 35c; 5 lbs., \$1.25; 100 lbs., \$20.00.



Washington Asparagus.

HODSON WAX. Fine for a late planting. The bushes are of strong, vigorous growth, producing a heavy crop of very large, flat, long, slightly curved, attractive pods, 6 to 6½ inches long, rather stringy and fibrous, but making a fine appearance. It matures twelve days later than the early wax varieties but is unusually free from rust, blight and other diseases. Pkt., 10c; lb., 35c; 5 lbs., \$1.25; 100 lbs., \$21.00.

PENCIL POD WAX. Round, bright yellow pods six inches long. Black seed. This variety is very hardy and medium early. Stringless. Pkt., 10c; lb., 35c; 5 lbs., \$1.50; 100 lbs., \$23.00.

SURE CROP STRINGLESS WAX. Very early, vigorous, productive and free from disease. Pods rather flat. Black seed. Highly recommended. Pkt., 10c; lb., 35c; 5 lbs., \$1.25; 100 lbs., \$20.00.

Pole or Running Varieties

KENTUCKY WONDER. A green podded Pole Bean. Pods green, very long, often reaching 9 or 10 inches, nearly round when young and very crisp. Pkt., 10c; lb., 40c.

KENTUCKY WONDER WAX. The best Pole Wax Bean for northern planting. Pods are golden yellow, very thick, fleshy, and of delicious flavor. A heavy yielder. Pkt., 10c; lb., 40c.

SCARLET RUNNER. The Bean of our grandmother's garden. Noted for the beauty of the dazzling scarlet flowers but most delicious both as a string and shell Bean. Pkt., 10c; lb., 50c.

SIEBERT'S EARLY LIMA. The most popular Lima. The Bean is very vigorous and productive, bearing throughout a long season; pods large and easily opened, containing 3 or 4 large, tender Beans of excellent quality. Pkt., 10c; lb., 40c; 5 lbs., \$1.75; 100 lbs., \$28.00.



Bountiful Bush Beans.

Beans

Green Podded Varieties

One pound will plant 100 feet of row; 60 pounds will plant an acre. Not less than 10 pounds at the 100 pound rate. If ordered shipped prepaid, add 8c per pound.

The Green Podded Beans are, as a rule, more productive than the Wax or Yellow Pod varieties, besides being less sensitive to unfavorable conditions of soil and climate, and of late years less susceptible to Bean diseases.

BOUNTIFUL. This is the best flat-podded, stringless variety. The light green pods are $6\frac{1}{2}$ to 7 inches long, stout, flat, somewhat curved, absolutely stringless, very slightly fibrous, attractive, and of very fine quality. It is very early, vigorous and a heavy yielder. Pkt., 10c; lb., 40c; 5 lbs., \$1.50; 100 lbs., \$25.00.

BURPEE'S GIANT STRINGLESS. Very early, productive, hardy and vigorous; the pods average about 5 inches long; straight, stout, round, crease-backed, and of a dark green color. They are tender, brittle, of the finest flavor and quality, and strictly stringless. Pkt., 10c; lb., 40c; 5 lbs., \$1.75; 100 lbs., \$28.00.

FULL MEASURE. Fine, stringless, medium green pod of high quality. The pods are straight, 6 inches long, very fleshy, almost round, crease-backed, have no neck, showing depressions around the Bean, and are tender. It is a prolific sort, the heavy pods producing throughout a long season. The season is about the same as Burpee's Stringless, although more productive. Pkt., 10c; lb., 35c; 5 lbs., \$1.35; 100 lbs., \$22.00.

ROGERS' STRINGLESS REFUGEE. Very hardy, and for this reason a great favorite for July planting; fine in Fall for pickling. The pods are long, cylindrical, green and of the best quality. Pkt., 10c; lb., 35c; 5 lbs., \$1.60; 100 lbs., \$26.00.

EXTRA EARLY RED VALENTINE. This is the original Valentine variety, hardy, early and productive. The pods are $4\frac{1}{2}$ inches long, round, crease-backed, medium green, slightly stringy, and of good quality and flavor. Allow 50 days from planting to pickling. Pkt., 10c; lb., 35c; 5 lbs., \$1.50; 100 lbs., \$20.00.

LARGE WHITE MARROW or MOUNTAIN. The plants of this very prolific sort are large, slender, spreading, with short runners and small leaves. The pods are broad, about five and one half inches long, medium green, changing to yellow. A choice family sort, both for green shells and dry beans. Seed large, ovoid, clear white, cooking very dry and mealy. Pkt., 10c; lb., 25c; 5 lbs., \$1.00; 100 lbs., \$16.00.

FORDHOOK BUSH LIMA. The bushes are erect, branching freely. The pods are larger than the Dreyer's and six to eight days earlier. The green Beans are thick and meaty, four to the pod, very tender, juicy, and of fine flavor. Bears the pods in clusters and is a heavy yielder. Pkt., 10c; lb., 50c; 5 lbs., \$2.00; 100 lbs., \$30.00.

Choice Table Beets

One ounce will sow 50 feet of row; 7 pounds will plant an acre.

The best soil is a light sandy loam, having been previously enriched with well-rotted manure. If the Beets are wanted extremely early, sow in hotbeds and transplant, cutting off the outer leaves. For early use, sow in rows at intervals of two weeks from the time the ground is fit to work in Spring, up to July. The rows should be 12 inches apart and the seed sown thinly and covered firmly with one inch of soil. When the plants attain three or four leaves, thin them out to stand 3 or 4 inches in the row. We print full cultural directions on every packet.

EARLY WONDER. This is the earliest and most perfectly shaped Beet for bunching purposes. Its beautiful deep blood-red, nearly globular-shaped root, small sized top and small, clean tap root make it a strong asset in the Beet family. The attractive appearance, uniformity of size, shape and color, and excellent keeping qualities have created a very heavy demand for this variety. It is grown very extensively for late Fall sowing, as it matures two weeks earlier than any other desirable Beet. A field of Early Wonder will mature so evenly that the entire crop may be harvested at one time. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.

CROSBY'S EGYPTIAN. A desirable extra early sort; valuable for forcing; very popular with market gardeners. The top is small, leaves are dark green mixed with red; leaf stems and veins dark red; flesh dark red. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

DETROIT DARK RED. This is the very best for the market and home garden. The quality is good, sweet and tender; deep red color; roots are turnip-shaped, with small tap roots. This is the most desirable Beet for canning. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

Swiss Chard or Spinach Beet

This fine vegetable gives large returns for little care; it yields a constant crop from July until Winter. Sow early in Spring in rows 16 inches apart, and thin out to 6 inches apart in the rows. Try this splendid vegetable and you will always plant it. An ounce or two of seed is sufficient for the family garden.

SILVER LEAF. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 25c; lb., 85c.

Mangel Wurzel

One ounce will sow 100 feet of row; 5 or 6 lbs. per acre. Mangel Wurzel, also called Stock Beet, is a very large Beet, growing mostly above ground. Plow deep for this crop and in May or June plant Mangel seeds six to the foot in two- and three-foot rows, thinning later.

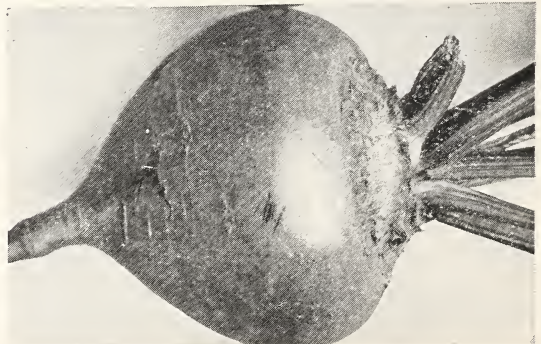
MAMMOTH LONG RED. Very large, excellent for stock feeding. Pkt., 10c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 50c.

GOLDEN TANKARD. The tops are small, with the leaf stalks and veins distinctly tinged with yellow. The roots are large, color light grey above ground, deep orange below. Pkt., 10c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 50c.

Sugar Beets

FRENCH WHITE SUGAR RED TOP. This sort is the most largely grown for stock feeding in Europe, where the superior feeding value of Sugar Beets over the coarse Mangel Wurzel is generally recognized. Pkt., 10c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 50c.

GIANT FEEDING SUGAR BEET or HALF SUGAR MANGEL. By skillful breeding there has been developed in Giant Feeding Sugar Beets a sort much more valuable for feeding purposes than the old sorts of Mangels. Keeps better and is in every way most valuable to the farmer. Roots large, oval in form, with small top. Pkt., 10c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 50c.



Early Wonder Beet.

Lohrman's Cabbage Seed

One ounce will produce 1,500 plants; $\frac{1}{2}$ pound will plant an acre.

Culture. Start your early crop in hotbed in middle of February. Cover seed about one-half inch. Transplant to cold frames soon as plants are large enough, 3 to 4 inches each way. Remove glass, part of each day, to harden plants and plant out in open about middle of April. For general crop sow in open ground late May in hills three feet apart.

Seed can also be started in the house in boxes during February where hotbeds are not available. Treat as described above. Cabbage requires good, rich soil and thorough cultivation.

EARLY JERSEY WAKEFIELD. A favorite early variety for both market gardeners and general use. Head is very compact, medium size, pointed in shape; the standby for the main crop of extra early sorts. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 80c; lb., \$2.75.

COPENHAGEN MARKET. The heads average about eight pounds each in weight, are very solid, with small core, and of fine quality. It matures as early as Charleston Wakefield, and will give a much heavier yield per acre than that popular variety. The plant is short-stemmed, the heads being produced almost on the ground level. The leaves are light green, rather small, saucer-shaped, and always tightly folded. Pkt., 10c; oz., 40c; 2 oz., 75c; $\frac{1}{4}$ lb., \$1.40; lb., \$4.50.

GOLDEN ACRE. New. Of Copenhagen Market type. This recent introduction is larger, has fewer outer leaves and is about ten days earlier. In sections where it has been tried out, it has proven to be a very valuable type. We recommend this new variety very highly. Pkt., 10c; oz., \$1.25; $\frac{1}{4}$ lb., \$4.00; lb., \$15.00.

MIDSEASON MARKET. This variety, which we previously listed as Dwarf White Summer is a second early variety of distinctive merit. Heads medium to large, round or nearly so, very solid and heavy. Interior color of head remarkably white and of fine flavor and texture. Plants vigorous growing but very uniform in type and are quite short stemmed. Leaves light green in color, comparatively short and broad. An excellent sort for the home garden, as it is a sure header and stays in condition for use a long time. Also recommended as a valuable addition to the list of kraut varieties. Pkt., 10c; oz., 50c; 2 oz., 90c; $\frac{1}{4}$ lb., \$1.60; lb., \$5.50.



Copenhagen Market Cabbage.

PREMIUM LATE FLAT DUTCH. The heads are of bluish green color, flat on top, solid and large. Has no useless outer leaves, and grows low with short stems. It cuts white and crisp. The flavor is excellent, with no stringiness. This strain is slightly earlier and quicker growing than most of the Premium Flat Dutch that is offered and is quite free from a tendency to burst. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.25.

MAMMOTH RED ROCK. The largest and most reliable heading red Cabbage yet introduced; round and solid heads of deep red color. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 90c; lb., \$3.25.

SAVOY, IMPROVED AMERICAN. For Winter use, this variety is unsurpassed; heads large and solid; very tender and of excellent flavor. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 65c; lb., \$2.25.

SHORT-STEMMED HOLLANDER or DANISH BALLHEAD. Quite a distinct sort. Plants medium long stemmed, but compact; leaves very smooth. The hardest Cabbage in cultivation; endures both frost and drought that would destroy other varieties. Pkt., 10c; oz., 25c; 2 oz., 45c; $\frac{1}{4}$ lb., 80c; lb., \$2.75.

PE-TSAI or CHINESE CELERY CABBAGE. This variety does not form a Cabbage head, but when grown its full size resembles Cos Lettuce, and the outer leaves may be used during its growth. It is odorless while being cooked, and the flavor is delicious, being very mild. Sow seed after June first and give plenty of room to the plants. Pkt., 10c; oz., 25c; 2 oz., 45c; $\frac{1}{4}$ lb., 80c; lb., \$2.75.

Carrots

One ounce will sow 100 feet of row; 3 pounds will sow an acre.

Carrots do best in a warm, deep, light and fertile soil or on a strong loam having been in clover and broken the year before.

EARLY SCARLET HORN. Coreless. Fine bunching Carrot. Favorite for early crop. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.

CHANTENAY. An ideal medium early stump-rooted Carrot; smooth and uniform in shape, averaging five inches in length with thick, heavy shoulders, rather large tops; color a deep orange. It is an excellent variety for both early and late sowing; of excellent quality. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

GUERANDE or ONHEART. Roots are broad at the top, terminating abruptly in a small tap root. On account of this shape, they are very easy to dig up. Flesh is a bright orange, finely grained and very sweet. Length five to six inches, three to four inches in diameter. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.00.

DANVERS HALF LONG. Sweet and tender; undoubtedly the best market variety. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.



Chantenay Carrots.

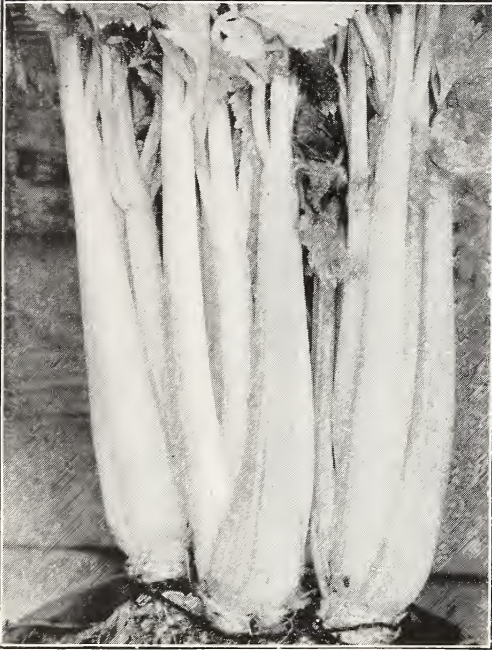
Cauliflower

One ounce will produce 1000 plants.

For earliest Cauliflower, raise plants by sowing in hotbed in February or March, and transplant to cold frames two or three inches apart. Set out in open as soon as the ground can be worked in Spring. It requires very much the same treatment as cabbage, only it is not quite so hardy and needs more water and more cultivation.

EXTRA EARLY SNOWBALL. This is the most popular with market gardeners and is grown by them more than all other varieties together for forcing or for wintering over in cold frames for extra early crop. Very early and one of the surest to head. Pkt., 10c; ¼ oz., 75c; oz., \$2.50; 2 oz., \$4.00; ¼ lb., \$7.50.

EXTRA EARLY DWARF ERFURT. This is a very reliable and popular variety when our select seed is used. We handle only the best seed grown. Heads very white, compact and close. Pkt., 10c; ¼ oz., 75c; oz., \$2.50; 2 oz., \$4.00; ¼ lb., \$7.50.



Golden Plume or Wonderful Celery.



Extra Early Snowball Cauliflower.

Celery

One ounce of seed will produce 3000 plants; ¼ pound will plant an acre.

Celery seed is slow to germinate, and when the plants are wanted early, seed should be sown in hotbeds in March and April; barely covering the seed. When the plants are large enough, transplant to cold frames, one and one-half inches apart. When the weather is suitable transplant into the open ground. This should be done early in June. Do not cultivate, hill or disturb Celery in wet weather, as this may bring on rust. Celery matures best in cool, moist weather.

GOLDEN SELF-BLANCHING. Ready for use nearly as early as White Plume. Blanches as easily and is larger in size as well as finer in quality. Pkt., 10c; oz., \$1.00; ¼ lb., \$2.75; lb., \$9.50.

GOLDEN PLUME or WONDERFUL. Authorities pronounce this the best golden, self-blanching Celery. Matures two to three weeks before any other and blanches in half the time required by others. Large, crisp, tender. No strings. Broad stalk, does not grow hollow, and all of it, including the foliage, is good eating. Its quality insures highest market price. Grows just tall enough to pack well in crate without damaging foliage. Seed of this variety has been sold under "Special Golden," "Wonderful," "Self Blanching," etc., at from \$50.00 to \$80.00 per pound. Our stock has been developed from seed produced from the originator, Sebastian Meisch. We grow no other. Our seed is grown in Northern New Jersey. It is not California or southern grown. Pkt., 10c; ½ oz., \$1.50; oz., \$2.50; 2 oz., \$4.00; ¼ lb., \$7.25.



Celeriac or Turnip-Rooted Celery.

WINTER QUEEN. A medium tall, solid variety. Heart is creamy white and very full. An excellent keeper. Oz., 35c; ¼ lb., \$1.00; lb., \$3.50.

CELERY SEED FOR FLAVORING. Oz., 10c; ¼ lb., 25c; lb., 50c.

Celeriac

OR TURNIP-ROOTED CELERY.

LARGE SMOOTH PRAGUE. Pkt., 10c; oz., 20c; ¼ lb., 65c; lb., \$2.25.

Chervil

CURLED. Crisp and very curled. Pkt., 10c; oz., 20c; ¼ lb., 70c; lb., \$2.25.

Chicory

LARGE ROOTED. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00.
WITLOOF or FRENCH ENDIVE. Pkt., 10c; oz., 25c; ¼ lb., 80c; lb., \$2.75.

Chives

ALLIUM. Pkt., 10c; oz., 75c; ¼ lb., \$2.25.

Collards

GEORGIA CREOLE or SOUTHERN. Cabbage greens, used as a substitute for cabbage. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., 90c.

Lohrman's Sweet Corn

One pound will plant 100 hills; 12 pounds will plant an acre. Not less than 10 pounds at the 100 pound rate. If ordered shipped prepaid, add 8c per pound.

Culture. Use deep, rich soil. Plant for succession of crop every three weeks when the ground becomes warm and mellow, usually early in May. Plant in hills three feet apart each way. Six seeds to each hill. Cover half an inch when you thin out to three plants.

MAMMOTH WHITE CORY. Succeeds well where the seasons are short. Extra large with pure white kernels. Very sweet. Pkt., 10c; lb., 40c; 5 lbs., \$1.50; 100 lbs., \$24.00.

GOLDEN BANTAM. One of the sweetest and hardiest Corns grown; can be planted at least a week earlier than others. It is a rapid grower, and when cooked is delicious. Of the richest, sweetest flavor. Pkt., 10c; lb., 45c; 5 lbs., \$1.75; 100 lbs., \$29.00.

BANTAM EVERGREEN. A cross between Golden Bantam and Stowell's Evergreen, and a most excellent sort of fine quality. Ears 8 inches long and 12- to 14-rowed. Grain broad and deep, of a rich, golden yellow color. Pkt., 10c; lb., 45c; 5 lbs., \$1.75; 100 lbs., \$29.00.

HOWLING MOB. A large, early variety. Grains very white, sweet and tender. A splendid sort for market or home garden. Pkt., 10c; lb., 45c; 5 lbs., \$1.75; 100 lbs., \$29.00.

EXTRA EARLY EVERGREEN. The ears of this new Corn grow 8 inches long, are mostly 14 to 18 rows. This is a magnificent kind for market gardeners and for main crop in every home garden. It ripens 10 to 12 days in advance of Stowell's Evergreen and is equally as good for all purposes. Pkt., 10c; lb., 45c; 5 lbs., \$1.75; 100 lbs., \$29.00.

BLACK MEXICAN. The ripe grain is bluish black, but when in condition for table, cooks white, and by many considered the standard for sweetness. Desirable for family use. Pkt., 10c; lb., 40c; 5 lbs., \$1.75; 100 lbs., \$25.00.

STOWELL'S EVERGREEN. Popular sort. One of the best known and widely grown. Ears large with deep kernels of a rich, sugary flavor. Valued for its keeping qualities. Pkt., 10c; lb., 45c; 5 lbs., \$1.75; 100 lbs., \$29.00.

COUNTRY GENTLEMAN. Unsurpassed for family use and the home garden. The cob is small with deep pearly milk-white kernels full of sweetness. Ears are produced in great abundance, sometimes four to six to one stalk. Pkt., 10c; lb., 50c; 5 lbs., \$2.00; 100 lbs., \$31.00.

Pop Corn

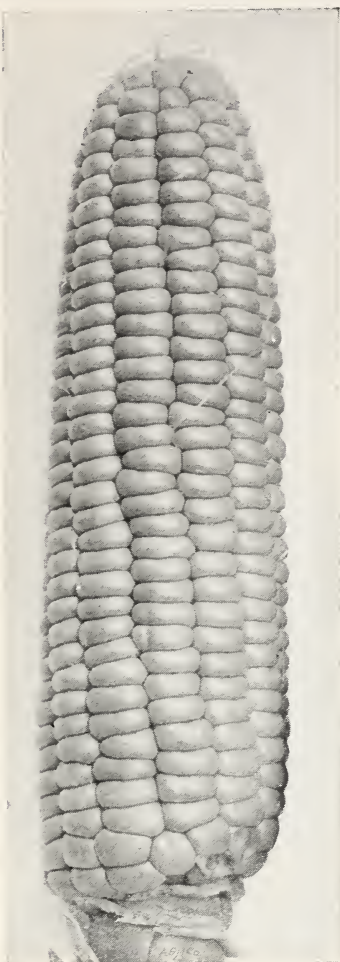
WHITE RICE POP CORN. The most popular of the varieties with the Pop Corn men and to be recommended above the other varieties. Pkt., 10c; lb., 25c.

Corn Salad

LARGE SEEDED, LARGE LEAVED. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

Cress

CURLED or PEPPER CRESS. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c.
TRUE WATER CRESS. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.50.



Golden Bantam Sweet Corn.

Cucumbers

One ounce will plant 50 hills; 2 pounds will plant an acre in hills, 5 pounds in drills.

Culture. Sow in the open ground as soon as weather is warm and settled. Sow seed one-half inch deep in the hills. The hills should be 4 to 6 feet apart and each hill enriched with well-rotted manure. For pickling sow from middle of June to first week of July. When plants are well up, thin out. Striped bugs readily attack the young plants. Use infusion of Hellebore powder to kill them.

EARLY WHITE SPINE. Improved strain. An excellent variety of light green color, with white spines; crisp, and of fine flavor. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.35.

EXTRA LONG or EVERGREEN WHITE SPINE. Unexcelled in table quality. The flesh is unusually thick and seed space extremely small. Flavor is unsurpassed and meat is white, firm, and crisp. Vines are of vigorous growth with large, heavy foliage. The color is a rich, dark green. Size 10 to 12 inches in length, always straight, and never turns yellow. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

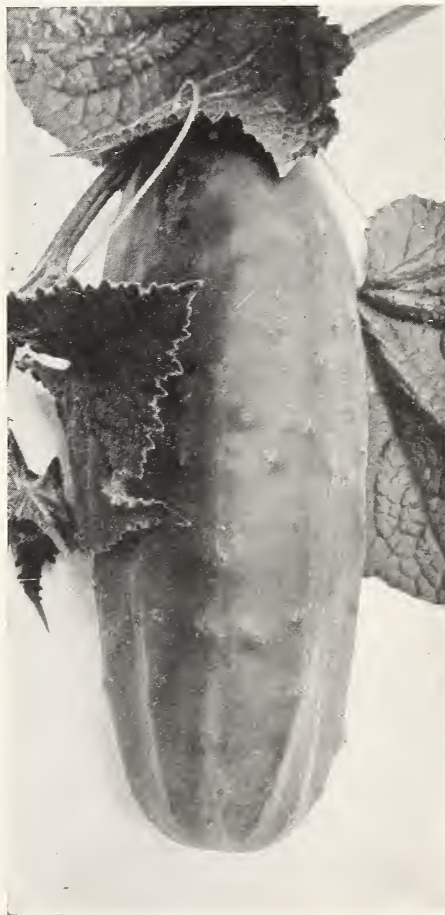
IMPROVED LONG GREEN. Long, dark green variety of good standing. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75.

CHICAGO PICKLING. A variety esteemed and grown extensively for the large pickling establishments on account of its superiority as a pickling cucumber. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.25.

DAVIS PERFECT. This Cucumber is perfect, combining quality, shape, color and productiveness. The Cucumbers grow long and slim, sometimes measuring 12 inches in length, and the color is a rich dark, glossy green. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

KLONDIKE. This variety is one of the best for slicing. The color is rich green, and the fruits grow to a uniform size, about seven inches in length and two inches thick, when in condition to cut. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

EARLY FORTUNE. Early, very productive and disease-resistant. The fruits grow 9 inches long and 2½ inches in diameter, slightly tapering; flesh white, very firm and crisp; color rich, dark green. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.50.



White Spine Cucumber.

Dandelion

IMPROVED THICK LEAVED. Pkt., 10c; oz., 50c; ¼ lb., \$1.75.

Egg Plant

Sow seeds in hotbed in April or May. Then transplant in cold frames and plant in open ground when weather becomes sufficiently warm in June or July. The soil can hardly be made too rich.

IMPROVED LARGE NEW YORK PURPLE. Plants large, spreading; fruit very large, oval; color a splendid dark purple. Plants usually ripen 4 to 8 large fruits. Pkt., 10c; oz., 50c; ¼ lb., \$1.50; lb., \$5.50.

BLACK BEAUTY. Earlier than Improved Large Purple, but not so large. Plants remarkably healthy and productive. A very fine market sort. Pkt., 10c; oz., 60c; ¼ lb., \$1.75; lb., \$6.00.

Endive

Sow the seed in beds, covering lightly; transplant in rows about 18 inches apart. About two weeks before ready for use it is blanched by tying the leaves together with raffia or soft cord.

LARGE GREEN CURLED. The leaves are finely cut, giving the plant a feathery effect. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.20.

EVER WHITE CURLED. A beautiful variety, with leaves as finely cut as Green Curled, but does not need tying up to blanch. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.20.

BROAD-LEAVED BATAVIAN. Leaves are broad, thick, green, more or less twisted and waved with white mid-ribs. It forms large hearts, which, when blanched, form one of the best Winter salads. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.20.

Kale or Borecole

Sow in May or June in shallow drills 10 to 12 inches apart. When large enough, transplant in single rows 2 feet apart each way. Frost improves the flavor.

DWARF CURLED SCOTCH. Extra fine curled bright green leaves, tender and fine flavor. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.20.

Kohl Rabi

One ounce will sow 200 feet of row; 4 pounds will sow an acre.

One of the most useful vegetables for the Autumn. It combines the good qualities of the turnip and cabbage. Sow seed in rows 18 inches apart, thinning out when large enough.

EARLY WHITE VIENNA. Delicate. Much prized for forcing. Pkt., 10c; oz., 25c; ¼ lb., 85c; lb., \$2.75.

Leek

One ounce will sow 100 feet of row; 4 pounds will sow an acre.

Sow as early as the ground can be worked in the Spring, in rows one foot apart. Cover seed an inch deep. Transplant when the plants are five to six inches high in rows six inches apart. Plant as deep as possible, that the neck, being covered, may be blanched. Ground must be very rich.

MONSTROUS CARENTAN. A very large variety of superior quality. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.25.

Lohrman's Superior Lettuce Collection

One ounce will sow 150 feet of drill; 3 pounds will sow an acre.

For earliest crops sow the seed in hotbed in February or March, transplant in sheltered rows with southern exposure. For successive crops sowings may be made in the open ground as early as Spring opens, continuing well into July. Always thin out well or the plants will not be strong. When wanted as cut salad, sow the seed thickly in rows or broadcast.

Curled Varieties

GRAND RAPIDS. Forms a loose cluster of leaves, which are bright green and crimped at the edges. Matures quickly; very crisp and tender. Pkt., 10c; oz., 20c; 2 oz., 35c; ¼ lb., 60c; lb., \$2.00.

DETROIT MARKET GARDENER'S FORCING. The heads of this favorite sort are large, solid, light green, beautifully curled; very crisp and tender. Pkt., 10c; oz., 20c; 2 oz., 35c; ¼ lb., 60c; lb., \$2.00.

BLACK-SEEDED SIMPSON. One of the best for sowing in open ground, where an exceedingly tender leaf is desired, and for those markets which demand a very loose clustering sort. Pkt., 10c; oz., 20c; 2 oz., 35c; ¼ lb., 60c; lb., \$2.00.

Heading Varieties

MAY KING. If you want a very first early lettuce, plant May King. It is equally good for outdoor growing and forcing. The outer leaves have a slight brownish tinge, while the heart is a beautiful yellow. Pkt., 10c; oz., 20c; 2 oz., 35c; ¼ lb., 65c; lb., \$2.25.

MAMMOTH BLACK-SEEDED BUTTER. Large, smooth-leaved head Lettuce, forming very compact cabbage-like heads of thick, brittle leaves; the inner ones beautifully blanched, very crisp, tender and of fine flavor. Pkt., 10c; oz., 20c; 2 oz., 35c; ¼ lb., 65c; lb., \$2.25.

BIG BOSTON. This is the best variety either for the big market grower or the home gardener. The heads are large and blanch to creamy white. It is a sure header and stands a long time before going to seed. Pkt., 10c; oz., 20c; 2 oz., 40c; ¼ lb., 75c; lb., \$2.50.

WHITE SELF-BLANCHING COS (Romaine Lettuce). One of the very best for Summer use. It is self-folding, with a beautiful creamy white heart. Butter flavor. Pkt., 10c; oz., 20c; 2 oz., 35c; ¼ lb., 65c; lb., \$1.90.

NEW YORK. Leaves beautifully curled at the edges, crisp and brittle; bright green. Very solid; well blanched. Pkt., 10c; oz., 25c; 2 oz., 45c; ¼ lb., 80c; lb., \$2.75.

WAXHEAD LETTUCE. This variety shows a remarkable combination of earliness and firm heading character. The outer leaves fold tightly and are light green, while the inner leaves or heart blanch yellow. It is slow to shoot to seed and may be grown during the entire season. Pkt., 10c; oz., 25c; 2 oz., 45c; ¼ lb., 80c; lb., \$2.75.

UNRIVALED SUMMER. (Seed white). A large, light, bright green heading Lettuce, similar in habit of plant to Big Boston, but a trifle earlier maturing as an outdoor Summer variety, and having no red or bronze shading on the leaves. Heads are large, firm and of excellent quality. Pkt., 10c; oz., 30c; 2 oz., 50c; ¼ lb., 90c; lb., \$2.75.



New York Lettuce.

Mushrooms

Mushrooms can be grown wherever there is a cellar or a closed shed, in which an even temperature of from 50 to 60 degrees can be maintained and where a plentiful supply of fresh horse manure for making the beds can be obtained.

PURE CULTURE SPAWN. Per brick, 35c.

Mustard

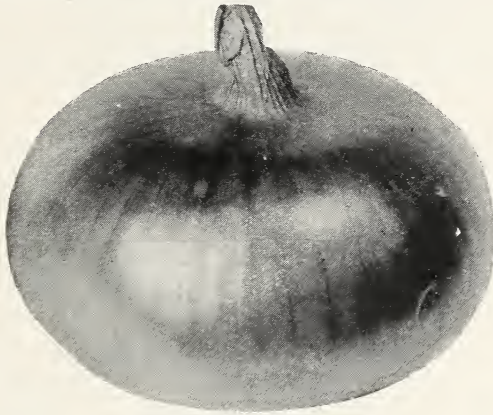
One ounce will sow 100 feet of row; one pound will sow an acre in drills, two pounds if broadcasted.

Delightful for imparting a pungent flavor to salads, sandwiches, etc. Sow at frequent intervals one-half inch deep in drills 8 inches apart.

WHITE ENGLISH. Leaves are mild and tender. Excellent for salad. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c.

SOUTHERN GIANT CURLED. Extensively used as a Spring salad and for greens. Leaves light green; much crimped and frilled. Seed small, reddish brown to nearly black. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c.

FORDHOOK FANCY. Has long, slender, plumelike, finely curled leaves of a deep green color, with edges deeply cut. Stands a long time before running to seed. Pkt., 10c; oz., 20c; ¼ lb., 35c; lb., \$1.25.



Red Wethersfield Onion.

Okra or Gumbo

One ounce will sow 100 feet of drill.

The green pods are delicious for soups. Sow during May in drills three feet apart and thin out later to 10 inches in the row.

WHITE VELVET. Pods round, smooth, white and tender. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c.

Parsley

One ounce will sow 150 feet of row; 3 pounds will sow an acre.

Used for garnishing and seasoning soups, meats, etc. Sow thickly in rows one foot apart and one inch deep, pressing down well after sowing. When well up, thin to six inches apart. As Parsley will live through the Winter, seed may be sown in the Autumn for Spring use.

CHAMPION MOSS CURLED. A very fine curled variety. One of the most handsome for garnishing purposes. The nice green curled leaves make it desirable. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00.

HAMBURG or ROOTED. The fleshy root resembles a parsnip. The leaves are used for soup, greens, and the roots are delicious when sliced. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00.

PLAIN or SINGLE. Leaves flat, deeply cut, but not curled. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 80c.

Parsnips

One ounce will sow 150 feet of row; 4 pounds will sow an acre.

Sow as early in the Spring as the weather will permit, in drills 18 inches apart and 1½ inches deep, in a deep, rich soil; thin out 3 to 6 inches apart in the rows. The quality of the roots is improved by leaving them in the ground over Winter for Spring use. For a Winter and Spring vegetable, Parsnips are both appetizing and healthful.

HOLLOW CROWN or GUERNSEY. The old standard and one of the best for general use; long, smooth, tender and sugary; very hardy. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 80c.



Southern Giant Curled Mustard.

Onions

One ounce will sow 100 feet of row; 5 pounds will sow an acre.

Onions must have clean and very rich soil. A liberal use of manure is more essential to this than any other crop. It should be of the best quality, well fermented, and thoroughly worked over during the previous Summer. Get the seed in as early as possible in the Spring. Sow in drills not less than a foot apart nor more than half an inch deep. Keep the soil mellow and clear of weeds. In cultivating do not cover the young bulbs with earth.

MICHIGAN YELLOW GLOBE. The finest of the yellow Globe Onions. It is distinguished by its attractive shape and uniform bright even yellow color. A superb Onion for all classes of soil and an excellent Winter keeper. Pkt., 10c; oz., 20c; ¼ lb., 55c; lb., \$1.80.

YELLOW GLOBE DANVERS. A standard sort which grows to a large size. The bulbs are large and globular, with very thin necks; rich orange-yellow color. Flesh white and mild. Pkt., 10c; oz., 20c; ¼ lb., 55c; lb., \$1.80.

LARGE YELLOW DUTCH or STRASBURG. One of the oldest varieties. Bulbs quite flat and of good size; skin yellow; flesh white, of mild flavor. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.60.

LARGE RED WETHERSFIELD. This is one of the best and hardest of all Onions. It will grow from seed to full size the first season, and the Onions are large, flat in shape, rather strong flavored, and excellent keepers. Pkt., 10c; oz., 20c; ¼ lb., 55c; lb., \$1.80.

PRIZETAKER. This is the large pale yellow Onion that is offered for sale in the fruit stores in the Fall and sold as Spanish Onions. An excellent keeper. Grows to an enormous size. Pkt., 10c; oz., 20c; ¼ lb., 55c; lb., \$1.80.

WHITE PORTUGAL. One of the leading white sorts. The bulbs are flat in shape, and mature early. Extensively grown for pickling Onions. Pkt., 10c; oz., 30c; ¼ lb., 75c; lb., \$2.75.

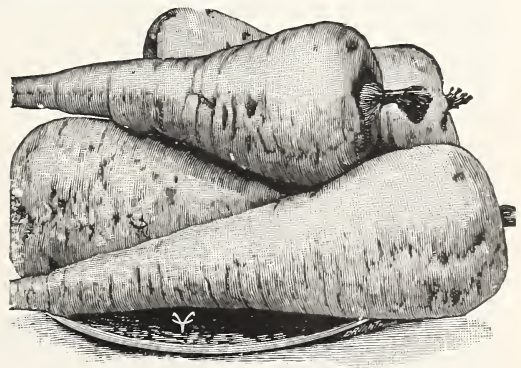
WHITE GLOBE. Pure white color, and of very mild flavor. Also as good for keeping as the Yellow Globe. Pkt., 10c; oz., 30c; ¼ lb., 75c; lb., \$2.75.

WHITE QUEEN. Used to produce pickling Onions. Pkt., 10c; oz., 30c; ¼ lb., 80c; lb., \$3.00.

ONION SETS

(Onion Sets at Market Price).

WHITE BOTTOM SETS.
YELLOW BOTTOM SETS.



Hollow Crown Parsnips.

Muskmelons of Merit

One ounce will plant 50 hills; 2 to 3 pounds will plant an acre.

Do not plant until the danger of frost is past. Sow in hills six feet apart each way. Put 10 to 12 seeds in each hill and when well up thin out to two or three plants. Melons must have light, well worked, moderately rich soil. Pinch the ends of main stems, which will strengthen the vine and induce earlier and heavier fruiting.

Orange-Fleshed Varieties

EXTRA EARLY OSAGE. It is one of the earliest and best Melons grown. The oval fruit is dark green, slightly ribbed and grey netted. The flesh is a rich orange-salmon, very thick and small seed cavity. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

HEARTS OF GOLD. Most highly recommended for commercial or private growers. Vines are strong, vigorous and disease resistant. Melons are of convenient size, fine appearance, and the deep orange colored flesh is of delicious flavor. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 65c; lb., \$2.00.

BENDER'S SURPRISE. A large, round Melon with very smooth skin. The flesh is pink, of very fine quality and flavor. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

OSAGE. Medium to large size, of excellent quality. Vigorous and productive. Fruits oval, dark green, slightly ribbed. Flesh salmon color, thick, fine grained, highly flavored. A favorite variety for the later market. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 65c; lb., \$2.00.

Extra Early Lake Champlain Muskmelon

This Wonderful New Muskmelon Produces Most Delicious Fruit 57 Days From Planting.

Lake Champlain is a medium sized Melon, nicely netted, flesh deep, sweet and melting, of golden yellow color. The plant is very vigorous and healthy, setting and ripening Melons even under adverse conditions, which totally destroyed other varieties. It is a marvel of productiveness. Another year has added to the popularity of this great Melon.

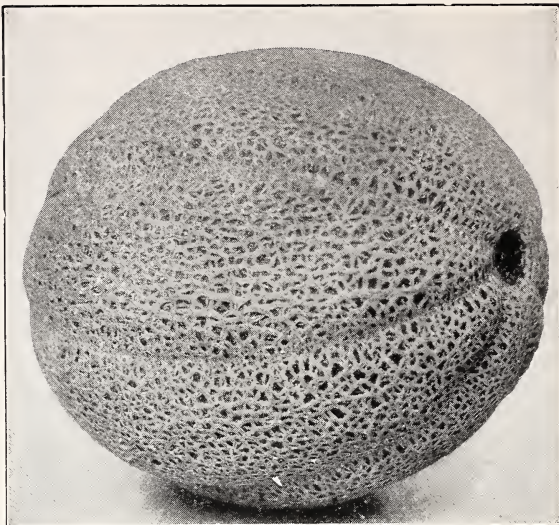
Mr. H. J. Walrath, who originated this variety, writes as follows: "It blossoms when the vines are less than 12 inches long, and sets its fine, healthy first crop of 8 to 10 Melons right around the roots. While these extra early fruits are ripening, the vines continue to grow in length, and they in turn produce another and sometimes a third setting of fine fruits—making it not only the very earliest variety, but a continuous producer. No Melon except Lake Champlain amounted to enough to interest Melon growers. Most of them had a complete failure. Our Melons were high quality as usual, and drew Melon fanciers from all cities within 70 miles.

Being a marvel of earliness, productiveness and quality, it will at once prove profitable to either the home or market gardener. Pkt., 20c; $\frac{1}{2}$ oz., 40c; oz., 60c; $\frac{1}{4}$ lb., \$1.75; lb., \$5.00.

Green-Fleshed Varieties

EXTRA EARLY HACKENSACK. Melons grow to a large size, are deeply ribbed and covered with coarse netting. Skin green, turning yellow when melons mature, flesh green, very sweet. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 45c; lb., \$1.50.

EXTRA EARLY KNIGHT. A very early variety of the green-fleshed, oval type. Extremely productive and famous for its sweet, spicy flavor. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.



Extra Early Osage Muskmelon.

NETTED GEM or ROCKY FORD. This is the most popular of all Melons. It is very early and one of the best for the home garden. It is oval in shape, slightly ribbed, and covered with a coarse netting. The flesh is green in color, very sweet, and juicy, and solid clear to the rind. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 45c; lb., \$1.50.

Watermelons

One ounce will plant about 20 hills; 3 to 4 pounds will plant an acre.

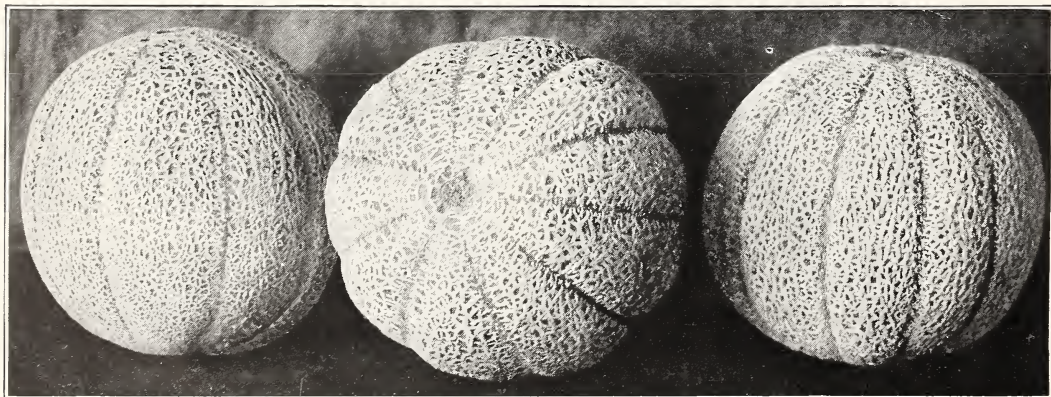
Culture is the same as for muskmelons, but place the hills eight to ten feet apart.

KLECKLEY'S SWEET. This variety is more widely used for market and home garden than any other kind. Often reaches 22 inches in length and 40 pounds in weight. Skin dark green, flesh bright red, seeds white. Medium early. Highly recommended. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.

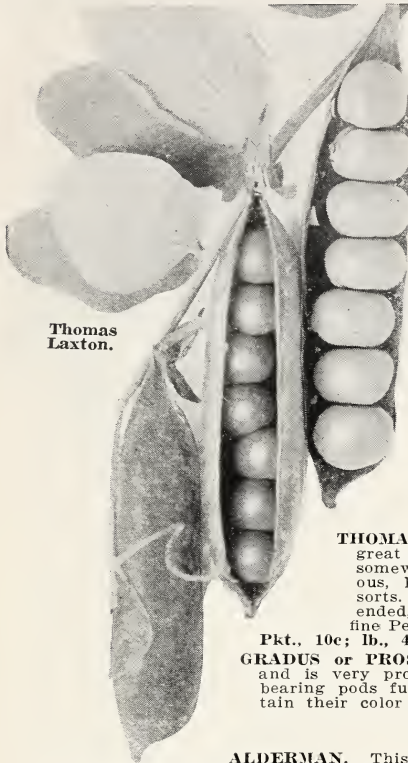
PERLESS. One of the best early Melons. Vine moderately vigorous, hardy and productive. Fruit medium size, oval, bright green, finely veined with a darker shade. Flesh bright scarlet, crisp and very sweet. Rind thin; seeds white. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 25c; lb., 85c.

HARRIS EARLIEST. An extra early Melon of excellent quality. Fruit large for an early variety, oblong, broad stripes of light and dark green. Flesh bright red, tender and sweet. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 25c; lb., 85c.

CITRON FOR PRESERVES. Fruit round and smooth. Is not eaten raw, but is used for making a very clear, transparent preserve of peculiarly fine flavor. Flesh white and solid. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.



Lake Champlain Muskmelons.



Thomas
Laxton.

Best Northern Grown Seed Peas

Two pounds will plant 100 feet of row; 120 pounds will plant an acre. Not less than 10 pounds at the 100 pound rate. If ordered shipped prepaid, add 8c per pound.

For early crops sow as early in Spring as possible; then sow every two or three weeks apart for a succession throughout the season well into August. Plant in single rows or double, 4 feet apart and 2 inches deep. In dry weather soak the Peas over night before planting.

FIRST AND BEST. This is one of the smooth-seeded varieties. Early, productive and very hardy, 2½ feet high, with a strong, vigorous vine, which is light in color and uniform in growth. Pkt., 10c; lb., 35c; 5 lbs., \$1.30; 100 lbs., \$21.00.

EARLIEST OF ALL or ALASKA. Vines of medium height. Pods good size, well filled. Seed small, bluish green and good flavor. Crop matures evenly. Very early. Pkt., 10c; lb., 35c; 5 lbs., \$1.50; 100 lbs., \$25.00.

Wrinkled Varieties

AMERICAN WONDER. On account of its dwarf habit it is very desirable for the home garden. Pods are light colored, straight, round, about 2½ inches long and blunt at the end. Pkt., 10c; lb., 35c; 5 lbs., \$1.50; 100 lbs., \$20.00.

NOTT'S EXCELSIOR. An improvement on American Wonder, being fully as early and the pods are larger. Height 14 to 18 inches. Pkt., 10c; lb., 35c; 5 lbs., \$1.50; 100 lbs., \$21.00.

LANTONIAN. 15 to 18 inches high. Very large pods, similar to Gradus in shape. Quality splendid. Highly recommended. Pkt., 10c; lb., 40c; 5 lbs., \$1.60; 100 lbs., \$26.00.

MCLEAN'S LITTLE GEM. The vines are dwarf and produce an abundance of round, well filled pods, 2½ to 3 inches long; only three days after American Wonder. Peas are green, wrinkled, of sweet, delicious flavor. Pkt., 10c; lb., 35c; 5 lbs., \$1.50; 100 lbs., \$21.00.

THOMAS LAXTON. An exceptionally good, first-early, wrinkled marrow Pea of great merit. Vines resemble Gradus, growing from 2½ to 3 feet high, but are somewhat lighter in color and mature at the same time. This Pea has a vigorous, hardy constitution and can be planted with the first early smooth-seeded sorts. The productive vines grow a heavy crop of straight, nearly round, square-ended, medium green pods, about 3¼ inches long and literally packed with 7 to 8 fine Peas of rich flavor and medium green color. This reliable Pea is very uniform. Pkt., 10c; lb., 40c; 5 lbs., \$1.50; 100 lbs., \$24.00.

GRADUS or PROSPERITY. This splendid variety combines the finest quality with earliness and is very productive. Grows vigorous and healthy; vines are about 3 feet in height, bearing pods fully as large as Telephone, filled with beautiful dark green peas, which retain their color after being cooked. Pkt., 10c; lb., 40c; 5 lbs., \$1.50; 100 lbs., \$26.00.

Second Early Varieties

ALDERMAN. This is one of the very best of the earliest main crop varieties of the Telephone type. The vines are tall and strong, growing about 4 to 4½ feet in height, and of a medium green color, are vigorous and stout, and exceedingly productive. Pods are 5 inches long, dark green, very broad, and pointed at the end, straight but slightly curved at the point, and contain 8 to 9 very large peas. Pkt., 10c; lb., 35c; 5 lbs., \$1.25; 100 lbs., \$18.00.

TELEPHONE. (Dark podded). This late Pea has a fine appearance, high quality and large sized pod. Vines are tall, vigorous, 4½ feet high, with large, coarse, medium green leaves and produce an abundance of attractive dark green pods 4½ inches long, straight, broad and pointed, filled with 8 large, light green Peas, which are tender, sugary sweet, and of an excellent flavor. The standard late sort for main crop, and is very productive. Pkt., 10c; lb., 35c; 5 lbs., \$1.25; 100 lbs., \$18.00.

Peppers

One ounce will produce 1000 to 1200 plants.

Sow seeds in a hotbed or in a box in the house, transplant when three inches high into cold frame, and when the ground is warm enough transplant the strong plants into the open.

LARGE BELL or BULL NOSE. Thick, sweet and mild for salads, pickling or stuffing. People who grow and can these for Winter will no longer pay for a can of imported Pimentos. Bright green when young and beautiful red when ripe. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.50.

RUBY KING. Fruits are about 4 inches long; flesh thick and mild; color dark green while young, turning to bright red when ripe. Pkt., 10c; oz., 40c; ¼ lb., \$1.00; lb., \$3.50.

CHINESE GIANT. Fruit of great size, 12 to 15 inches in circumference. It is early, very productive and sweet. Flesh is thick, tender, unexcelled for salad or stuffed in mangos. Pkt., 10c; oz., 50c; ¼ lb., \$1.50; lb., \$5.50.

GIANT CRIMSON. An early new giant fruited sweet Pepper. In habit of growth robust and stocky. The fruit is of long shape, as big as Chinese Giant, and much more oblong. In flavor it is very mild. The flesh may be eaten raw from the hand. It is excellent for salads. Pkt., 10c; oz., 50c; ¼ lb., \$1.50; lb., \$5.50.

RED CHILI. Fruit is small, bright scarlet, very hot and pungent. Generally used for making pepper sauce. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.50.

LONG RED CAYENNE. Grown largely for preserving purposes. Very hot, but useful in many ways. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.50.

PIMENTO. This is a new and distinct Pepper. Perfectly sweet, having no trace of pungency. Plants are loaded with fine, smooth fruits, medium size and thick meat. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.50.

SWEET GOLDEN DAWN. A large yellow variety, shaped like the Chinese Giant. Very sweet and mild. Oz., 55c; ¼ lb., \$1.75; lb., \$6.00.

Potatoes

One peck will plant 100 hills; 12 bushels for an acre. (Prices on Application).

EARLY OHIO. This is the most popular sort for early planting. The tops are tall, spreading and vigorous. You will find it very satisfactory.

EARLY ROSE. Every farmer and gardener knows the good qualities of the Early Rose Potato; its earliness, and what a good cooker it makes. On some markets the Early Rose is the quickest seller of any Potato.

IRISH COBBLER. A very early white Potato. Its large yields make it a very profitable crop to plant. It is the most popular by far of all the early Potatoes and should be the main early crop of every grower.

CARMAN NO. 3. Is always found in the list of the best varieties. Always does so well and brings in such good prices for its fine appearance that it is a general favorite. It yields great crops of fine, large, smooth Potatoes. Flesh is white and flaky.

Pumpkins

One ounce will plant about 25 hills; 4 pounds will plant an acre.

Pumpkins are usually raised among corn. When the corn is about 1½ feet high or after it receives its last cultivation, the seed is sown, dropping three seeds in every third hill. Or the seed may be sown in May, after the 15th, in hills 8 feet apart, placing 6 seeds in every hill and later thinning out to four plants.

LARGE YELLOW. Large, round, flattened fruit, very hardy and productive. Fine keeper. The very best for family use. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c.

SWEET SUGAR or NEW ENGLAND PIE. This is the earliest and surest of the common sorts, and by far the sweetest. Especially valuable for the making of pies. A small, round Pumpkin, dark orange in color, with thick, dry, fine grained flesh. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., \$1.00.

Lohrman's Superior Radishes

One ounce will sow 100 feet of row; 8 pounds will sow an acre in drills; 12 pounds broadcast.

The secret in growing good Radishes consists chiefly in the observance of three points: First, grow them on light, quick soil. Second, give them plenty of water. Third, get the right kind of seed. Radishes grow very rapidly and, if not given sufficient moisture, will turn pithy. Sow the seed one-half inch deep in early Spring, in rows one foot apart, and remember that the more fertile the soil the faster they will grow. For succession sow every ten days.

EARLY SCARLET GLOBE. The roots of this variety are slightly olive-shaped, and are a rich, bright scarlet in color. The flesh is white and tender. The roots are fit to pull as early as Non Plus Ultra, but are larger when matured. We specially recommend this to gardeners as a large, first-early forcing Radish. It is also desirable for first-early planting outdoors. Pkt., 10c; oz., 15c; 2 oz., 25c; ¼ lb., 40c; lb., \$1.25; 10 lbs. at \$1.00 per lb.

EARLY ROUND DEEP SCARLET. The most popular variety for hot-beds and forcing, as it is the earliest of all. Of handsome color, crisp, juicy and tender. It forms a small top and will stand a great deal of heat without becoming pithy. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00.

FRENCH BREAKFAST. The most popular and best known sort grown. It is exceedingly pretty, olive-shaped, scarlet with white tip. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00.

CRIMSON GIANT. This new type attains a size more than double that of any other Turnip variety without getting pithy or hollow. The pure white flesh is crisp, tender and mild. Sow thinly to allow full development. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00.

EARLY LONG SCARLET or SHORT TOP IMPROVED. An old standard variety of quick growth; long, slender root. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00.

WHITE STRASBURG. Of handsome, oblong, tapering shape, both skin and flesh being pure white. The flesh is firm, brittle and tender, and retains its crispness even if old and large. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00.

ICICLE. The finest of pure white, early sorts. Planted in Spring, this variety is ready for pulling in about three weeks. Long, slender, purest white. These Radishes are crisp and tender, both when young and later. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00.

Winter Varieties

SCARLET CHINA. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00.

LONG BLACK SPANISH. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00.

ROUND BLACK SPANISH. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.25.

HALF LONG BLACK. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.25.

CALIFORNIA MAMMOTH WHITE CHINA. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.25.



Early Scarlet Globe Radishes.

Rhubarb

One ounce of seed will sow 75 feet of drill.

VICTORIA. The best standard sort. Yields immense crops. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00. Roots, 15c each; \$1.50 per dozen.

Salsify - Vegetable Oyster

One ounce of seed will sow 60 feet of drill

Culture same as for parsnips.

MAMMOTH SANDWICH ISLAND. The largest and most succulent Salsify. Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$2.25.

Sorrel

LARGE-LEAVED FRENCH. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.75.

Spinach

One ounce will sow 100 feet of row; 15 pounds will sow an acre in rows, 25 pounds if broadcast.

For a succession sow the seed in early April and again late in May in drills one foot apart and one inch deep, thinning out when plants are about 4 inches high. For the principal crop sow from first to middle of September, protecting the crop with a light covering of straw or leaves.

VICTORIA. A variety distinguished for its very long standing qualities being two or three weeks later than the ordinary varieties. Oz., 10c; ¼ lb., 20c; lb., 30c; 5 lbs., \$1.25; 10 lbs., \$2.25; 25 lbs., \$5.00.

LONG STANDING. Succeeds well at all seasons, and though somewhat slow in growth, forms a very fine, large, dark green-leaved Spinach. Oz., 10c; ¼ lb., 20c; lb., 30c; 5 lbs., \$1.25; 10 lbs., \$2.25; 25 lbs., \$5.00.

LONG SEASON. Leaves a dark green color, very broad, thick, and fleshy. Resists Summer heat remarkably well and remains a longer time in condition before going to seed than other sorts. Very desirable. Oz., 10c; ¼ lb., 20c; lb., 30c; 5 lbs., \$1.25; 10 lbs., \$2.25; 25 lbs., \$5.00.

KING OF DENMARK. As early as any and will stand two weeks longer than any other variety before going to seed. Holds up well after being cut. Dark green and crumpled. Highly recommended. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 70c; 5 lbs., \$3.50; 10 lbs., \$6.50; 25 lbs., \$15.00.

SAVOY-LEAVED. Best for Fall, but if sown very early in the Spring will produce a good crop. This early, productive variety produces large, glossy, dark green leaves, crumpled or blistered, very thick and of great substance. The most largely grown Spinach on the market. Has a tendency to bolt to seed in warm weather. Oz., 10c; ¼ lb., 20c; lb., 30c; 5 lbs., \$1.25; 10 lbs., \$2.25; 25 lbs., \$5.00.

NEW ZEALAND. This plant is really not a Spinach, but is used as such. It grows 1½ feet high and is very prolific. Grows well during hot Summer weather when the ordinary Spinach cannot be had. Oz., 15c; ¼ lb., 25c; lb., 80c.



Spinach.

Lohrman's Selected Squash

Early varieties, one ounce sufficient for 50 hills. Late varieties, one ounce for 20 hills; 4 to 6 pounds to the acre.

Before planting Squash in the open, the weather must be settled, the soil light and highly fertilized. Summer sorts should be planted from 4 to 6 feet apart each way in hills, pressing the seed down one inch deep. Late varieties require planting 8 feet apart, covering the seed 1½ inches deep. Nicotine Dust will keep off the destructive bugs.

Summer Varieties

MAMMOTH WHITE BUSH. An early, round, flat Squash; color clear white; handsomely scalloped. Planted largely in every section of the country. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.25.

MAMMOTH SUMMER CROCKNECK. A well known and standard variety. Grows from 18 inches to two feet in length. The shell is hard and warted and of an attractive bright yellow color. The thick flesh is of good quality. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.25.

ITALIAN VEGETABLE MARROW (Cocozelle). A Summer Squash of compact bush form, oblong, 12 inches or more in length and 4 to 5 inches in diameter. Skin dark green with stripes of a still darker shade, and marbled with yellow. Should be eaten when half grown. Cooked like other Squash or fried like egg plant. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75.

ENGLISH VEGETABLE MARROW. A long, greenish white variety. Very sweet and tender. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.50.

Winter Varieties

DELICIOUS. For table use no Squash can compare with it. Sweet and exceedingly rich flavor. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.25.



Lohrman's Hubbard Squash.

BOSTON MARROW. An early Fall sort of oval form. Thin skin, and when ripe a light orange color. Good size and fine keeper. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.25.

GOLDEN HUBBARD. An early maturing variety, about one-third smaller than the Green-warted Hubbards. It has a reddish golden colored skin, with dry and fine grained flesh. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.25.

LOHRMAN'S HUBBARD. This is a superior variety, and the best Winter Squash known. Flesh bright orange-yellow, fine grained, very dry, sweet and rich flavored; keeps perfectly good throughout the Winter; boils or bakes exceedingly dry, and is esteemed by many to be as good baked as the sweet potato. We have taken the utmost pains with this sort and can recommend our stock as in all probability the best in the country, and think our customers can plant it with perfect confidence that every fruit will be a pure Hubbard. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.25.

Tomatoes

One ounce will produce from 1000 to 2000 plants. Good plants can be grown where a frame is not available from early February on in the house in pots or boxes. Where a hotbed is handy, sow the seed, giving good bottom heat, in February to March, and when the plants are three inches high, transplant into other frames about 4 to 5 inches apart each way, or plant into boxes which can be placed in the frames.

EARLIANA. Extra early and of excellent quality. Vines small but vigorous and productive. Fruit deep scarlet, medium to large, nearly round and exceptionally smooth for so early a variety. Pkt., 10c; oz., 30c; 2 oz., 50c; ¼ lb., 90c; lb., \$3.25.

JOHN BAER. A new variety that is claimed to equal Bonny Best. It sold well last year and our own crops proved excellent. We look for it to be a winner. Try a few alongside of your favorite variety. Pkt., 10c; oz., 35c; 2 oz., 60c; ¼ lb., \$1.00; lb., \$3.75.

BONNY BEST. A very early and desirable variety. Bright scarlet from outside to center. Vines strong and vigorous, producing a good crop of round, globe-shaped fruits which ripen more uniformly than other early sorts. A favorite with market gardeners. Pkt., 10c; oz., 30c; 2 oz., 50c; ¼ lb., 90c; lb., \$3.25.

Ponderosa Tomato.

EARLY DETROIT. Largest and best formed of the early purple-fruited sorts. Vigorous and productive. Fruit is very smooth, uniform in size, firm, and excellent quality. One of the best shipping early varieties introduced. Pkt., 10c; oz., 50c; 2 oz., 90c; ¼ lb., \$1.60; lb., \$5.50.

DWARF CHAMPION. Very compact and dwarf, growing strong and treelike, so that the fruit is held up clear from the ground and does not require any stakes. Fruit purplish pink, round, smooth, and one of the best for quality and flavor. Is medium early. Pkt., 10c; oz., 40c; 2 oz., 75c; ¼ lb., \$1.40; lb., \$4.50.

STONE. One of the best standard sorts. Color bright red. Fruit large size, perfectly smooth and of best table quality. Much used for canning. Pkt., 10c; oz., 25c; ¼ lb., 80c; lb., \$2.75.

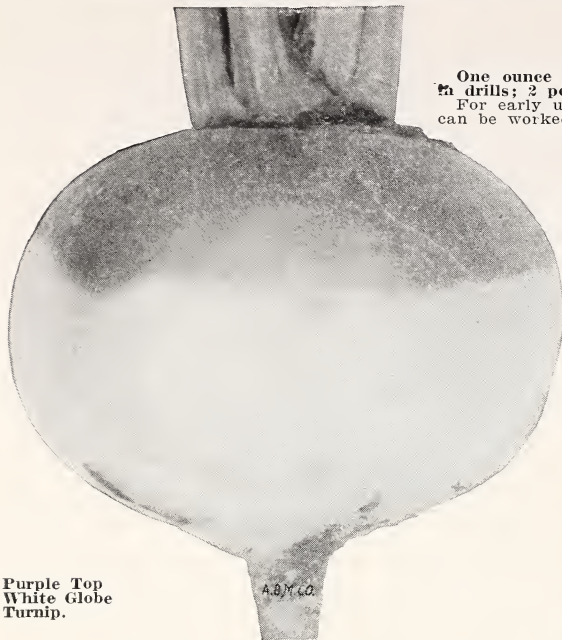
LOHRMAN'S ACME. The finest large fruited purple Tomato grown. Fruit continues of large size until the last, and is unexcelled for slicing or cooking. Try this. Pkt., 10c; oz., 40c; 2 oz., 75c; ¼ lb., \$1.40; lb., \$4.50.

PONDEROSA. The largest Tomato. Decidedly the home gardener's favorite. A very fine variety. Pkt., 10c; oz., 60c; 2 oz., \$1.00; ¼ lb., \$1.65; lb., \$6.25.

GOLDEN QUEEN. Large yellow. Pkt., 10c; oz., 30c; 2 oz., 50c; ¼ lb., 80c; lb., \$3.00.



John Baer Tomatoes.



Purple Top
White Globe
Turnip.

Turnips

One ounce will sow 200 feet of row; one pound will sow an acre in drills; 2 pounds broadcast.

For early use sow in hotbed during March. As soon as the ground can be worked Turnips can be sown outdoors in drills 12 inches apart, thinning out later to 5 inches apart in the row. For succession sow at intervals of two weeks till well into August, from which time until the middle of September sowing should be made for the later crops.

Turnips make excellent stock feed for Fall and Winter use. They are much liked by all stock and the feeding of Turnips or Rutabagas keeps them in good condition. We earnestly recommend farmers to sow Turnips and Rutabagas for this purpose. We know it is profitable.

EXTRA EARLY WHITE MILAN. Fine for earliest crops. The clean, white roots are smooth, flat and symmetrical. Flesh white, tender and of a very sweet flavor. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00.

PURPLE TOP WHITE GLOBE. One of the best of the Winter Turnips. The roots are attractive in color; globe-shaped, extra large and solid. Pkt., 10c; oz., 15c; ¼ lb., 20c; lb., 60c.

LARGE AMBER GLOBE. One of the best yellow-fleshed varieties grown, usually for stock feeding. Roots large size and globular; skin clear yellow, except the top, which is tinged with green. Flesh fine grained and sweet. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 65c.

ORANGE JELLY or GOLDEN BALL. One of the most delicate and sweetest of all the yellow-fleshed Turnips. Grows to good size, globular in shape; flesh solid and tender. Pkt., 10c; oz., 15c; ¼ lb., 20c; lb., 60c.

Rutabaga or Swede

Largely grown in the North for stock feeding, and for this are superior to turnips. Sow in June in drills 2 feet apart and thin out to 3 inches in the row.

AMERICAN PURPLE TOP or YELLOW or IMPROVED LONG ISLAND. A very popular and standard sort; has a short neck and a very small top; bulbs grow to very large size; flesh yellow, fine grained and of the best quality. One of the most desirable varieties in cultivation. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 60c.

Pot, Sweet and Medicinal Herbs

These are indispensable for every home garden. For flavoring soups, meats, etc., for medicinal use (especially where there are children), some good herbs will be found most useful.

All herbs thrive best in rich, mellow soil. Sow the seed early in Spring in shallow drills one foot apart, when the young plants are up 2 to 3 inches, thin out or transplant. Cut on a dry day, before coming into full bloom, tie in bunches and hang where they dry rapidly.



Dill.

BASIL, SWEET. For flavoring soups, pickles, etc. Pkt., 10c; oz., 20c; ¼ lb., 65c; lb., \$2.25.

BORAGE. Grand as a salad mixed with lettuce. Flowers are excellent for bee pasture. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75.

DILL, MAMMOTH (*Anethum graveolens*). An annual of aromatic odor and warm, pungent taste. Its seeds are used for seasoning. It possesses medicinal properties but its largest use is for making Dill pickles. Plant branching, two to three feet high; leaves very much cut into threadlike segments. Pkt., 10c; oz., 15c; 2 oz., 20c; ¼ lb., 25c; lb., 60c.

FLORENCE FENNEL. Sweet; for flavoring sauces. Very aromatic. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00.

LAVENDER. Sweet Lavender; for perfumes, oils and toilet waters. Delightful placed between linen. Pkt., 10c; oz., 25c; ¼ lb., 90c; lb., \$2.50.

MARJORAM, SWEET. One of the best known herbs for seasoning. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

ROSEMARY. Yields a very aromatic water and oil. Pkt., 10c; oz., 75c; ¼ lb., \$2.50.

SAGE. For flavoring. Pkt., 10c; oz., 25c; ¼ lb., 80c; lb., \$2.75.

SAVORY, SUMMER. Used in kitchen for flavoring. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.75.

THYME, BROAD ENGLISH. Indispensable for seasoning. Pkt., 10c; oz., 40c; ¼ lb., \$1.00; lb., \$3.75.

WORMWOOD. Used medicinally. Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$2.00.



Rutabagas.

High Grade Grass and Clover Seed

Prices change with the market and it is impossible to make a firm price. Prices on all farm seeds and clover on application.

Clover Seed

ALFALFA or LUCERNE. As a tame hay plant, Alfalfa stands supreme in longevity, yields, feeding value, soil building and economy, and in adaptability to wide variations of soil and climate. Alfalfa not only produces a hay crop, and from 3 to 10 tons per acre, a valuable seed crop, but at the same time enriches the soil on which it is growing. Alfalfa will thrive on almost every kind of soil except a wet one. It is essentially a dry-land plant and on wet soils the weeds will get ahead of it. Alfalfa is sown either in the Spring or the Fall at the rate of from 15 to 20 pounds to the acre. In sowing Alfalfa, is of greatest importance that the seed bed be carefully and thoroughly prepared. The seed bed should be firm and moist, and the surface should be loose, mellow, and very finely pulverized. **Per lb., 50c.**

ALSIKE or SWEDISH. Alsike Clover is especially valuable for growing on wet or swampy land. If you have a piece of land that is too damp for Alfalfa or other clovers or grass, sow a mixture of about four pounds of Alsike (over and ten pounds of Red Top Grass seed. This will make an excellent crop of hay. Alsike Clover is very hardy, is perpetual, will withstand drought and will not winter-kill. About six to ten pounds will sow an acre and as the seed is very fine it should be covered only slightly. **Per lb., 50c.**

MEDIUM RED or JUNE. This is considered the most valuable of all the Clovers and is known to every farmer. It makes two crops each year. The first is usually cut when it is in blossom for hay; the last crop may be harvested for seed, cut for hay, or plowed under to add fertility to the soil. It may be sown either in the Spring or Fall, and if no other grasses are used, at the rate of 8 to 12 pounds per acre. **Per lb., 50c.**

WHITE DUTCH. This is of particular value in mixtures in permanent pastures and lawns, and will grow on almost any kind of soil. Being very hardy and of creeping habit, it will also prevent the ground from being washed away by heavy rains. White Clover is used mainly for sowing in mixtures with other grass seeds, especially with Blue Grass, to obtain permanent pastures. 5 to 6 pounds per acre. **Per lb., 90c.**

BOKHARA or SWEET CLOVER. White Blossom Sweet Clover. Very valuable for soiling. Splendid inoculator for alfalfa. Grows to a height of 3½ to 5 feet. Grown on rich soil, it can be cut as much as three times a season. Good for ensilage and bees. Will last two years if cut before it blooms. Sow 10 to 15 pounds per acre. **Per lb., 50c.**

Grass Seed

CANADA BLUE GRASS. Resembles somewhat the Kentucky Blue Grass, but is not so good quality. It thrives on stiff, clay soils of low fertility. It is seldom found on sandy soils. Sow early in Spring or in the Fall. 28 pounds per acre are recommended. It is coarser than Kentucky Blue Grass and grows a little more rapidly. **Per lb., 50c.**

TIMOTHY. As a crop for hay, Timothy is probably unsurpassed by any other grass. It is greatly relished by all kinds of stock, especially horses. It is not suited for permanent pasture, as it will in the course of a few years run out. It is, however, well adapted to early Spring grazing as it starts up quickly in the Spring. **Per lb., 25c.**

ORCHARD GRASS. Is ready for grazing in Spring two weeks earlier than most grasses, and when fed off is again ready for grazing in a week. Palatable and nutritious and stock eat it greedily when green. When sown alone about 28 pounds are required per acre; if sown with clover, half that quantity. It is perennial and it will last for years. **Per lb., 35c.**

SUDAN GRASS. The popular hay and forage crop; the wonderful drought resister. Sudan Grass is a member of the Sorghum family. It is an annual plant, having a fibrous root system similar to wheat, which makes it as easily eradicated as millets. It is used for hay and forage and as a soiler. It is a great stooler, as many as 100 stems have been counted from a single seed. This accounts in part for its great yield, which is often 8 to 10 tons of excellent quality hay per acre. It makes a richer feed than fodder corn, Kaffir or millet, has no more leaf and less stalk than cane or Kaffir, cures easily, and will not sour or spoil as cane so often does. All kinds of stock eat it readily, and it is especially good for horses, mules and cattle.

Miscellaneous Farm Seeds

Field Corn

PRIDE OF THE NORTH (Yellow Dent). A dependable early yellow Dent Corn. The stalks are well proportioned, being short jointed and leafy. Two or more well developed ears are frequently found on a single stalk. The kernels are very deep and closely set on the ear.

EARLY RED BLAZED or SMUT NOSE FLINT. This is one of the hardest field corns in cultivation. It is not only early, but will endure, uninjured, a degree of cold and wet that would be fatal to most other sorts. A great favorite in Michigan, and other northern states. Stalks medium height, with few suckers. Ears long, 8-rowed, well filled, small at base. Ears average 10 inches long—stalks 7 to 8 feet tall. Very productive, and great for fodder.

GIANT RED COB ENSILAGE. Large, pure white Corn with a red cob. Grows very large—one of the best to feed green from the field, to cure and stack away or for the silo. Fields in Michigan have cropped 45 tons per acre. Its broad, succulent leaves make it especially desirable for fodder and ensilage. Everywhere, both in the North and in the South, this is the great Corn for ensilage and fodder.

CHAMPION BEARDLESS SPRING BARLEY.

SOY or SOJA BEANS.

BUCKWHEAT, Silverhull.

CANADA WHITE FIELD PEAS.

COW PEAS. The great soil improvers.

HUNGARIAN MILLET.

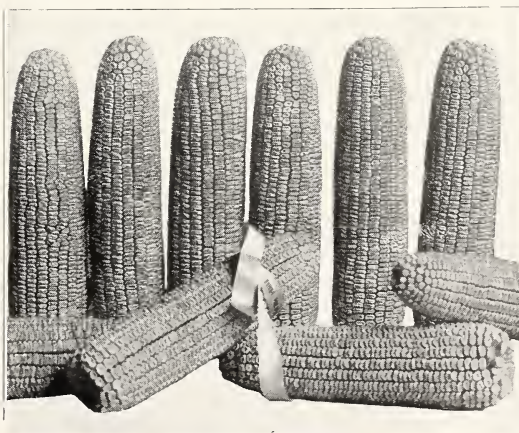
SPRING RYE.

WINTER RYE.

DWARF ESSEX RAPE. This is beyond doubt the most popular and profitable of all forage plants, giving satisfaction everywhere. Rape is easily grown anywhere and is unsurpassed for pasturing hogs, cattle and sheep. They always thrive on it, and prefer it above all other pastures during the Summer, late Fall and even into the Winter in some sections. It is most

generally sown in June, July, or August, with Corn or can be sown early with small grain to provide pasture after the grain is harvested.

WINTER VETCH. The Winter cover crop. Also called Sand or Hairy Vetch. Is a hardy legume sown in the northern states in the Fall months, growing well that season, and remaining green all Winter. It supplies a place in the North that the less hardy crimson clover does in the South. As a Winter cover crop it prevents washing or leaching of soil during the Winter and at the same time as a nitrogen gatherer it enriches the soil. Vetch also furnishes a very valuable hay or pasture. Drill for cover crop 10 to 20 pounds per acre.



Pride of the North Yellow Dent Corn.

GENERAL LIST OF CHOICE FLOWER SEEDS



Giant Comet Aster.



Giant Ostrich Feather Aster.



Semple's Branching Aster.

There is no place so small that there is not room for a few of these beautiful flowers and with a trifling expense an abundance of blooms can be easily obtained. Many of our most beautiful garden flowers are raised from seeds.

Achillea

PTARMICA, "THE PEARL." One of the best hardy perennials, large heads of pure white, double flowers, will bloom the first season if sown early. Pkt., 25c; oz., \$5.00.

Ageratum

FLOSS FLOWER. Very free blooming, large-flowered, very compact.

DWARF WHITE. Extra fine. Pkt., 10c; oz., 75c.

DWARF BLUE. Extra quality. Pkt., 10c; oz., 75c.

Agrostemma - Mullein Pink

CORONARIA. A very hardy perennial, easy to grow, beautiful crimson flowers shaped like a single pink, and silvery white foliage. Blooms first year from seed. Pkt., 10c; oz., 75c.

Alyssum

SWEET. Pretty plants for beds, vases, baskets, edging or rockwork; will bloom all Summer. Can be grown very readily either outdoors or in the house. White. Pkt., 10c; oz., 30c.

LITTLE GEM. Very dwarf and compact, and very free flowering; fine for bedding. White. Pkt., 10c; oz., 75c.

SAXATILE COMPACTUM (Basket of Gold). A beautiful yellow perennial. Good, compact habit; very free bloomer. Pkt., 10c; oz., \$1.00.

Amaranthus

Fine for borders of tall plants, or in center of large beds. **TRICOLOR (Joseph's Coat).** Leaves red, yellow and green. Pkt., 10c; oz., 50c.

Anemone - Windflower

CORONARIA. A very fine perennial, enormous, with great variety of striking colors. Sow seed outdoors in Spring and keep shady until plants appear. Mixed colors. Pkt., 10c; oz., \$1.25.

Anchusa

ITALICA, DROPMORE VARIETY. One of the best hardy perennials; lovely gentian-blue, great improvement on the old variety. Pkt., 10c; oz., \$1.50.

Anthemis

HARDY MARGUERITE. Heavy-scented plants, with many-flowered heads of golden-centered flowers. Because of their continuous profuse blooming, throughout the Summer, they are very desirable. Pkt., 10c; oz., \$1.25.

Aquilegia or Columbine

One of the most popular perennials, easiest of cultivation. Blooms profusely from May to August; very desirable for herbaceous borders and groups among shrubs. Very hardy. Single or double mixed. Pkt., 10c; oz., 75c.

Arabis

A hardy perennial. The spreading tufts are covered with a sheet of pure white flowers. Very desirable for edging border. Pkt., 10c; oz., 75c.

Antirrhinum - Snapdragon

Snaphdragons have become very popular within the past few years. They make a fine display in the garden and they are very useful for table decorations when cut.

MIXED. Pkt., 10c; oz., 75c.

SCARLET. Pkt., 10c; oz., \$1.00.

YELLOW. Pkt., 10c; oz., \$1.00.

PURE WHITE. Pkt., 10c; oz., \$1.00.

ROSE. Pkt., 10c; oz., \$1.00.

Asters

GIANT OSTRICH FEATHER. The finest type of the Giant Comet or Ostrich Feather type of Aster. Much larger than the Giant Comet, the petals longer, more twisted, and produced in greater abundance. Borne on long stems, they make cut flowers par excellence. White, soft pink, lavender, crimson, dark blue, mixed. Pkt., 10c; oz., \$1.50.

ROYAL ASTERS. Of all the large, fine Asters none can beat this truly magnificent class. The plants are strong growers and produce an abundance of large flowers. The stems are long and strong, and keep a long time when cut. White, crimson, rose, lavender, purple, mixed. Pkt., 10c; oz., \$1.50.

SEMPLER'S BRANCHING. This special strain is American grown and is especially adapted to our climate. Long stems, very large flowers, very useful for bedding and one from which results can be obtained. White, flesh, pink, crimson, lavender, purple, mixed. Pkt., 10c; oz., \$1.00.

GIANT COMET. Flowers are extra large, with long, curled petals, similar to Chrysanthemums, branching habit, long stems. White, pink, crimson, lavender, purple, mixed. Pkt., 10c; oz., \$1.50.

HARDY PERENNIAL ASTER (Michaelmas Daisy). Mixed. A single-flowered perennial Aster. Flowers in the Fall and is splendid for herbaceous borders; if sown early will flower the first season. Pkt., 10c; oz., \$2.00.



Centaurea Imperialis.



Campanula.



Marguerite Carnations.

Asparagus

Asparagus possesses the advantage of being more graceful and its foliage finer than that of the most delicate Fern. As a house plant it will thrive under practically all conditions. The Asparagus likes a good, rich soil and fairly warm temperature.

PLUMOSUS NANUS. Very useful for bouquets; also makes a good house plant. Pkt., 10c; \$1.00 per 100 seeds.

SPRENGERI. Elegant variety for hanging baskets. Pkt., 10c; 50c per 100 seeds.

Balloon Vine

LOVE-IN-A-PUFF. A rapid growing climber; annual. Pkt., 10c; oz., 25c.

Begonia

SEMPERFLORENS, MIXED. A boon for shady places. One of the few gorgeously tinted flowers which will thrive and make glorious, the dark and shady corners. Pkt., 25c; oz., \$3.50.

Balsam

LADY SLIPPER. One of the oldest known and favorite garden flowers. Anybody can grow it. It is of such easy culture. Succeeds best in rich soil. Double Camellia-flowered. Pkt., 10c; oz., 75c.

Bellis Perennis - English Daisy

A hardy, free growing perennial. Its low habit of growth makes it valuable for borders. It is a long time in bloom. Double mixed. Pkt., 10c; ¼ oz., 50c; oz., \$3.50.

Bocconia - Plume Poppy

CORDATA. A very handsome perennial. Foliage bright green. Spikes two to three feet long, of cream colored flowers; easily raised from seed. Pkt., 10c; oz., 75c.

Boltonia, Perennial

ASTEROIDES. Pure white; very effective. Pkt., 15c; oz., \$2.00.

LATISQUAMA. Light pinkish blue flowers; very lovely; blooms late in Fall. Highly recommended. Height 3 to 4 feet. Pkt., 15c; oz., \$2.00.

Calendula - Pot Marigold

One of the best and showiest free flowering hardy annuals, growing in any good garden soil. Of late it has been very much improved, and the varieties we offer are the best that can be obtained.

PRINCE OF ORANGE. Large, double, orange, much like Meteor, only darker. Pkt., 10c; oz., 35c.

METEOR. Large, double yellow with orange stripes, striking for cut bloom. Pkt., 10c; oz., 35c.

ORANGE KING. Very large flowers, dark orange-red. Pkt., 10c; oz., 35c.

LEMON QUEEN. Very large and double; lemon-yellow. Pkt., 10c; oz., 35c.

Calliopsis

Very showy, free flowering annuals, doing well in any sunny position; fine for cutting and making a good show when massed in the garden. By keeping the old flowers cut they will continue until late Fall. Mixed. Pkt., 10c; oz., 50c.

Calceolaria

Tender perennial. Sow in August or September. Choice mixed. Pkt., 25c.

Canary-Bird Vine - Tropaeolum Canariense

A splendid rapid annual climber, the small canary colored blossoms bearing a fancied resemblance to a bird with its wings half expanded. Pkt., 10c; oz., 35c.

Campanula - Canterbury Bells

A hardy biennial, which will flower well the second year from seed. Single, pkt., 10c; oz., 50c. Double, pkt., 10c; oz., \$1.25.

CALYCANTHEMA (Cup and Saucer). Beautiful form of Canterbury Bell with a large Saucer at the base of the flower. Grows two feet high. Pink, blue and white mixed. Dark blue, light blue, rose, white, single and double mixed. Pkt., 15c; oz., \$3.00.

Candytuft - Iberis Umbellata

Candytuft is one of the most prized garden annuals. Easily grown from seed and does not need transplanting. Fine for cut flowers. Mixed colors. Pkt., 10c; oz., 30c.

EMPRESS. Without doubt the finest Candytuft in cultivation, being a complete mass of white flowers in a pyramid of bloom. Mixed. Pkt., 10c; oz., 75c.

Candytuft, Perennial - Iberis Sempervirens

A hardy perennial. White. Pkt., 25c; oz., \$3.00.

Carnations

Carnations are a great favorite with most people who take pride in their old-fashioned garden. They have the most beautiful colors and are easily raised from seed the first year. White, pink, red. Pkt., 10c; oz., \$2.00.

MARGUERITE. Finest double mixed. Our strain of this variety is extra fine: flowers borne on long stems with an abundance of large, double flowers. Pkt., 10c; oz., \$1.50.

Centaurea

Well adapted for borders and bedding. Beautiful foliage and flowers freely.

CYANUS (Cornflower). Single and double blue; single and double mixed. Pkt., 10c; oz., 50c.

GYMNOCARPA (Dusty Miller). Silver-leaved. Pkt., 10c; oz., \$1.00.

CANDIDISSIMA. Whiter leaves than Gymnocarpa. Pkt., 15c; oz., \$2.25.

IMPERIALIS (Sweet Sultan). Rose, lavender, purple, white and mixed. Pkt., 10c; oz., 75c.



Delphinium—Larkspur.

Chrysanthemums

Summer blooming; beautifully colored daisy-like flowers; fine for cutting. Wonderful improvements have been made in this old garden favorite.

CORONARIUM. Double mixed, pkt., 10c; oz., 35c. Single mixed, pkt., 10c; oz., 40c.

Cineraria

HYBRIDA. Choice mixed. Large flowering. Pkt., 25c.

Clarkia

A very easily grown annual, which has been much improved in recent years. The varieties which are listed below are the best that can be obtained. They do well in either sun or shade. White, scarlet and double mixed. Pkt., 10c; oz., 75c.

Annual Climbers

BALLOON VINE. Pkt., 10c.

CANARY BIRD VINE. Pkt., 10c.

CARDINAL CLIMBER. Pkt., 10c.

COBAEA SCANDENS. Pkt., 10c.

CONVOLVULUS MAJOR. Mixed. Pkt., 10c.

CYPRESS VINE. Mixed. Pkt., 10c.

DOLICHOS. Mixed. Pkt., 10c.

GOURDS. Mixed. Pkt., 10c.

HUMULUS JAPONICUS. Pkt., 10c.

IPOMOEA. All varieties. Pkt., 10c.

TALL NASTURTIUMS. Mixed. Pkt., 10c.

WILD CUCUMBER. Pkt., 10c.

Cobaea

A rapid growing climber with beautiful dark green foliage, bearing on graceful stems, large, bell-shaped flowers, green at first but rapidly changing to a beautiful deep violet-blue.

SCANDENS. Large, bell-shaped. Pkt., 10c; oz., 50c.

SCANDENS ALBA. Pure white. Pkt., 10c; oz., \$1.50.

Cockscomb - Celosia

A free blooming, half-hardy annual. The flowers of some are shaped like a cock's comb; others have plumed heads of brilliant orange and scarlet. All can be cut for dried Winter bouquets. The dwarf sorts are fine for borders, the others make good bedding plants.

CRISTATA, MIXED. Pkt., 10c; oz., \$1.75.

GLASGOW PRIZE. Dark crimson. Pkt., 10c; oz., \$3.00.

CHINESE WOOLFLOWER (Celosia Childs). This is a unique form of a feathered cockscomb, growing two or three feet high. Pkt., 15c; oz., \$2.00.

PLUMOSA, TALL MIXED. Pkt., 10c; oz., \$1.00.

Coleus

Ornamental foliage plants of the most varied colorings, resembling the rainbow in gorgeousness.

MIXED HYBRIDS. Pkt., 25c; oz., \$4.50.

Convolvulus Major - Morning Glory

A beautiful annual climber; one of the most rapidly growing climbers in cultivation, thriving in almost any situation. Mixed. All colors. Pkt., 10c; oz., 15c; lb., 75c.

Coreopsis

LANCEOLATA GRANDIFLORA. This is one of the finest of hardy plants, with large, showy, bright yellow flowers produced in the greatest abundance from June till frost. As cut flowers they stand near the head among hardy plants. Pkt., 10c; oz., 75c.

Cosmos

Grace and brilliancy are the characteristics of these beautiful flowers. They resemble single Dahlias with their broad petals surrounding a golden heart, borne on long, graceful stems. White, pink, crimson, mixed. Pkt., 10c; oz., 35c.

EARLY FLOWERING MAMMOTH COSMOS. Immense blooms. White, pink, crimson, mixed. Pkt., 10c; oz., 75c.

DOUBLE. Mixed, white, pink, crimson. Pkt., 25c; oz., \$3.00.

Cyclamen

We are specialists in Cyclamen for florists, and can supply at all times any of the named sorts, including the Rococo types. Prices on application. Pkt., 25c.

Cypress Vine

Everyone is acquainted with this old-time favorite climbing vine. The beautiful fernlike leaves and star-shaped flowers make it a very desirable Fern for all purposes. Mixed. Pkt., 10c; oz., 40c.

Dahlias

One of the best Summer and Autumn flowering plants, and now enjoying a wide popularity. They will bloom the first year if sown early. Double mixed. Pkt., 10c; oz., \$2.00.

Delphinium - Perennial Larkspur

These handsome, stately border plants produce long, bold flower spikes ranging in color from the palest sky-blue to the darkest shades of indigo and violet, and are unrivalled for producing blue effects in the Summer border. If, after the first flowering, the stems are cut down close to the ground to induce fresh growth, they will bloom again in Autumn.

BELLADONNA. Cambridge blue, white center. Pkt., 10c; oz., \$3.00.

BELLAMOSUM. Beautiful spikes of rich blue flowers. Pkt., 10c; oz., \$3.00.

GOLD MEDAL HYBRIDS. A splendid mixture. Pkt., 10c; oz., \$2.00.

Didiscus - Blue Lace Flower

An interesting annual, which blooms from July to November. The pale lavender blossoms are excellent for cutting. 18 inches high. Pkt., 10c; oz., \$2.00.

Dianthus or Pinks

The Dianthus are better known as Chinese Pinks and are always used in old-fashioned gardens. Blooms the first year from seed and will also bloom the second year if protected through the Winter. Double China Mixed. Pkt., 10c; oz., 50c. Double Japan, pkt., 10c; oz., \$1.00.

HARDY GARDEN PINKS (Plumarius fl. pl.) Double hardy garden pink. Pkt., 10c; oz., \$2.00.

PLUMARIUS (Grass Pink or Pheasant's Eye). Mixed. Pkt., 10c; oz., \$1.00.



Eschscholtzia—California Poppy.

Digitalis - Foxglove

Hardy perennial, bearing long spikes of beautifully colored flowers; fine for planting in hardy borders or among shrubbery.

GLOXINIAEFLORA. Purple, rose, white, mixed. Pkt., 10c; oz., 75c.

Sweet William

DIANTHUS BARBATUS. The Sweet William is a fine old plant which produces great masses of bloom of extremely rich and varied colors. The flowers are very lasting and fine for cutting. Single mixed, pkt., 10c; oz., 50c. Double mixed, pkt., 10c; oz., \$1.00.

Dimorphotheca - African Golden Daisy

AURANTIACA. A fine showy Daisy from South Africa. Color rich, glossy orange-gold, with dark center. Sow seed in Spring and transplant to sunny position. They will bloom the greater part of the Summer. Pkt., 10c; oz., \$1.00.

Dolichos - Hyacinth Bean

A rapid growing annual climber. Blooms freely in clusters, which are followed by ornamental seed pods. All colors mixed. Pkt., 10c; oz., 25c.

Dracaena

INDIVISA. Beautiful long green leaves, useful for baskets, porch boxes or tubs. Pkt., 10c; oz., 75c.

Eschscholtzia - California Poppy

Very brilliant flowers, produced in great numbers. They may be sown in Spring, although Fall sowing will give better results. Mixed. Pkt., 10c; oz., 35c.

Eupatorium

A splendid native plant, growing two feet high. Immense heads of purplish pink flowers; fine for naturalizing along streams and ponds, and for planting among shrubbery.

COELESTINUM. Lavender flowers. Pkt., 10c; oz., \$2.00.

Euphorbia - Snow-on-the-Mountain

Showy border plant, easily grown. Beautiful foliage. Edged and veined with white. Annual.

VARIEGATA. Pkt., 10c; oz., 75c.

Gaillardia - Blanket Flower

Showy border plants producing flowers from July to September. A continual supply of richly colored flowers ranging from clear yellow to glowing scarlet-red. Extra fine for cutting.

PICTA. Annual. Mixed. Pkt., 10c; oz., 40c.

GRANDIFLORA. Perennial. Choice mixed. Pkt., 10c; oz., 75c.

Geum

Well known hardy perennials noted for their rich coloring and freedom of flowering. Most useful for cutting and the rockery or border.

ATROSANGINEUM FL. PL. Pretty border plants, growing 18 inches high and producing brilliant scarlet flowers throughout the Summer. Pkt., 10c; oz., \$2.00.

Globe Amaranth - Gomphrena Globosa

A first rate bedding plant. The flowers resemble clover heads and can be dried and used in Winter bouquets. Mixed. Pkt., 10c; oz., 25c.

Godetia

Hardy annual, about one foot high, of compact growth, bearing a profusion of beautiful cup-shaped flowers. Colors deep red, pink and white. Fine mixed. Pkt., 10c; oz., 75c.

Gourds

(Both Useful and Ornamental)

Rapid growing, interesting annual climbing plants, with ornamental foliage and curious-shaped fruit. Excellent for a screen around the back porch as they are remarkably free from insects. Height ten to twenty feet.

DIPPER, EGG, HERCULES CLUB, DISHCLOTH or LUFFA, CALABASH, MIXED GOURDS. All sorts, pkt., 10c; oz., 40c.

Gypsophila - Baby's Breath

An elegant border plant, the light graceful sprays of flowers being used for mixing with Sweet Peas and other cut flowers.

ELEGANS. Pure white. Annual. Pkt., 10c; oz., 25c.

CARMINEA. A beautiful pink variety. Pkt., 10c; oz., 50c.

Hardy Perennial Varieties

PANICULATA. A very hardy perennial, small single white flowers. Pkt., 10c; oz., 60c.

PANICULATA FL. PL. The new double flowering Baby's Breath, smothered with dainty, double, white flowers, which, when cut and dried, are useful for table decoration in Winter. Pkt., 25c; ¼ oz., \$1.00.



Helichrysum—Strawflower.

Helenium

Handsome plants, allied to the sunflowers. Of the easiest culture, forming dense masses of bloom in late Summer or Autumn. Mixed. Pkt., 10c; oz., \$2.00.

Heliopsis - Orange Sunflower

Similar in general habit to Helianthus, but commencing to flower earlier in the season. July and August. ZINNIAEFLOREA. Pkt., 10c; oz., \$1.25.

Helichrysum Monstrosum Fl. Pl.

This is one of the best Strawflowers, and when dried it is very useful for table decoration in Winter. Very large, double flowers, and a fine assortment of colors.

FIREBALL, GOLDEN BALL, SILVER BALL, ROSE QUEEN, SALMON QUEEN, VIOLET QUEEN. Pkt., 10c; oz., \$1.00.

MIXED. Pkt., 10c; oz., 50c.

Heliotrope

Very fragrant blue and white flowers; splendid for pots and gardens. Mixed. Pkt., 10c; oz., \$2.00.

Heuchera - Coral Bells

SANGUINEA. Very hardy perennial; beautiful coral-red spikes of bloom. Pkt., 25c; oz., \$6.00.

Hibiscus - Marsh Mallow

Very hardy. A vigorous plant of easy culture, growing about two feet high with handsome flowers.

MALLOW MARVELS. Mixed colors. Pkt., 10c; oz., 75c.

Hollyhocks

We give particular attention to this most popular flower. Seed sown in June or earlier will flower the following Summer.

CHATER'S SUPERB. Double white, pink, maroon, lilac, salmon, scarlet, yellow. Mixed. Pkt., 10c; oz., \$1.50.

SINGLE. White, pink, salmon, maroon, red and yellow. Mixed. Pkt., 10c; oz., \$2.00.

Honesty - Lunaria

Grown mostly for their large, flat, silvery pods used for Winter bouquets. Pkt., 10c; oz., \$1.00.



Hollyhocks.

Humulus - Japanese Hop

JAPONICUS. A very fast growing annual climber, foliage much like the common hop, is very dense, and in color a beautiful green. Pkt., 10c; oz., 75c.

VARIEGATUS. A variegated variety of the above. Pkt., 10c; oz., \$1.00.

Ipomoea

GRANDIFLORA (Moonflower). A rapid growing annual climber. At night and during very dull days the plants are covered with beautiful white blossoms; very fragrant. White. Pkt., 10c; oz., 50c.

RUBRA CAERULEA. Blue. Pkt., 10c; oz., 75c.

QUAMOCLIT HYBRID (The Cardinal Climber). Pkt., 10c; oz., \$2.00.

IMPERIAL JAPANESE MORNING GLORIES. Pkt., 10c; oz., 25c.

Job's Tears - Coix

The beads or tears pearly white to lead color. Pkt., 10c; oz., 15c; lb., 75c.

Kochia - Summer Cypress

An annual of easy culture, three feet high with beautiful foliage which will turn from green to a deep rich red in the Autumn. Pkt., 10c; oz., 40c.

Kudzu Vine

JACK-AND-THE-BEAN-STALK VINE. A very rapidly growing vine; foliage dense. Fine for covering arbors and porches. Pkt., 10c; oz., 50c.

Lathyrus

PERENNIAL SWEET PEAS. Mixed. Pkt., 10c; oz., \$1.00.

Larkspur - Annual

Beautiful spikes of double flowers in many shades, ranging from pure white to deep rich pink. Very decorative, hardy annuals.

DWARF ROCKET. Mixed. Pkt., 10c; oz., 50c.

Lavatera - Annual Mallow

TRIMESTRIS GRANDIFLORA ROSEA. A very beautiful annual, growing about two feet high and bearing cup-shaped, pink flowers the entire season. Pkt., 10c; oz., \$1.00.



Hibiscus—Mallows.



African Marigold.

Lavandula - Lavender

VERA. Sweet scented, hardy perennial. Pkt., 10c; oz., 75c.

Linaria - Kenilworth Ivy

Very pretty hardy evergreen creepers, well adapted for growing in pots or for covering walks or crevices.

CYMBALARIA. Pkt., 10c; oz., \$2.50.

Linum - Flax

Erect growing plants with showy flowers which open in the sunshine. Blooms continuously and of easy culture in full sun.

GRANDIFLORUM RUBRUM (Scarlet Flax). A fine hardy annual with brilliant scarlet-crimson flowers. Pkt., 10c; oz., 50c.

PERENNE. Perennial. Blue flowers. Pkt., 10c; oz., 75c.

Lobelia

The dwarf, compact varieties are used for edging, while the trailing sorts are used for hanging baskets, porch boxes, etc.

CRYSTAL PALACE COMPACTA. Rich deep blue, dwarf-growing variety; the best for edging. Pkt., 10c; oz., \$1.50.

BLUE EMPEROR (Delphinium Imperiale). Finest double mixed, very elegant candelabra habit, with short branches. Pkt., 10c; oz., \$2.00.

GRACILIS. Trailing variety for hanging baskets. Light blue. Pkt., 10c; oz., 50c.

CARDINALIS. Handsome border plant, crimson-scarlet flowers. Hardy perennials. Pkt., 15c; oz., \$2.50.

Lupins

The Lupins may be classed among the most beautiful of hardy garden flowers. A Lupin border makes a picture once seen not soon forgotten, and maintains a floral display from May to September.

TALL ANNUAL. All colors mixed. Pkt., 10c; oz., 50c.

POLYPHYLLUS. Hardy perennial. Mixed. Pkt., 10c; oz., 75c.

Lychnis

Hardy perennial, will bloom first year from seed if sown early. These may be classed among the best known and most popular of old-fashioned flowers. Of easiest culture and most pleasing habit.

CHALCEDONICA. Sometimes called Maltese Cross. Flowers beautiful scarlet; fine for massing. Pkt., 10c; oz., 75c.

VISCARIA, ROSE CAMPION. A very pretty pink variety. Pkt., 10c; oz., \$1.25.

Marvel-of-Peru - Four-O'clock

One of the old favorite annuals; an old-fashioned plant of bushy growth. The flowers, which are produced in clusters, open in the afternoon and wither in the morning. All colors mixed. Pkt., 10c; oz., 25c.

Matricaria - Feverfew

For beds and edges. Half-hardy perennial. Double white. Pkt., 10c; oz., 50c.

CAPENSIS ALBA PLENA. Pkt., 10c; oz., 75c.

Marigold

Extremely showy, well adapted to garden culture, blooming profusely throughout the season.

DWARF FRENCH. Dark brown, pkt., 10c; oz., 75c. Gold Striped, pkt., 10c; oz., 75c. Mixed, pkt., 10c; oz., 75c.

TALL AFRICAN. Orange Ball, pkt., 10c; oz., 75c. Lemon Ball, pkt., 10c; oz., 75c. Mixed, pkt., 10c; oz., 75c.

SINGLE FRENCH. Legion of Honor, pkt., 10c; oz., 75c.

Mignonette

A flower with a very delicate odor, making a splendid addition to any bouquet.

SWEET. Hardy annual. This deliciously scented flower should not be missing from the garden. Pkt., 10c; oz., 25c.

DEFIANCE. Large flower spikes and very fragrant. Pkt., 10c; oz., 75c.

Mimulus

Pale yellow flowers, highly dotted and splashed with brown.

MOSCHATUS (Musk Plant). Pkt., 25c; ¼ oz., \$1.50.

TIGRINUS (Monkey Flower). Pkt., 10c; oz., \$2.50.

Myosotis - Forget-Me-Not

Hardy perennial of easy culture. Blooms first year from seed. The flowers are small and star-shaped, borne in clusters on long stems.

INDIGO BLUE. Pkt., 10c; oz., \$1.50.

ALPESTRIS. Blue. Pkt., 10c; oz., 60c.

ALPESTRIS. Mixed. Pkt., 10c; oz., \$1.00.

Nasturtiums

Nasturtiums require little care and bloom freely.

TALL NASTURTIIUMS. Usually used for arbor or trellis planting, but do equally well for mass planting without support. Mixed. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00.

DWARF NASTURTIIUMS. The dwarf varieties are excellent for borders, along paths, and for pot culture. Mixed. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25.



Nasturtiums.



Pansies.

Nicotiana Affinis - Tobacco Plant

The tubular fragrant flowers open morning and evening, and are very attractive for border or beds. The plant attains a height of 3 feet. Pure white. Pkt., 10c; oz., 35c.

Nigella Damascena - Love-in-a-Mist

Growing easily from seed and having a great abundance of long-stemmed flowers, which are the most beautiful cornflower-blue. Mixed. Pkt., 10c; oz., 35c.

Oenothera - Evening Primrose

Fine for margins of shrubbery, excellent for perennial border and naturalizing. Their large clusters of showy, fragrant flowers produce a fine effect.

MISSOURIENSIS. Yellow. Pkt., 10c; oz., \$1.00.

Lohrman's Pansies

August-sown seed produces large plants, which flower freely the following Spring. Sow in open ground early in August, setting to permanent location in September. Place about 3 inches of dry leaves, loose straw, or soft hay over the plants the last of November. This will afford good protection and make splendid early-flowering plants. Seed sown early in Spring will produce flowers in late Summer.

LOHRMAN'S PREMIUM MIXTURE. This is a carefully prepared mixture of the best varieties obtained abroad, including all the solid colors, striped and blotched. We have exercised great care in preparing this strain and are confident it cannot fail to give the utmost satisfaction. Rose, yellow, bronze, sky-blue, yellow with eye, choice mixed. Pkt., 15c; ¼ oz., \$1.25; oz., \$4.00.

STEELE'S GREENHOUSE MIXTURE. This is the finest American grown Pansy seed. Named and mixed varieties. Pkt., 25c; ¼ oz., \$1.75; oz., \$6.00; ¼ lb., \$22.00.

GIANT TRIMARDEAU. Vigorous plants with large, three-blotched flowers. Recommended for professional growers.

Yellow with Eye. Pkt., 10c; oz., \$2.50.

Lord Beaconsfield. Violet. Pkt., 10c; oz., \$2.50.

Meteor. Mahogany. Pkt., 10c; oz., \$2.50.

Pure Yellow. Pkt., 10c; oz., \$2.50.

Albo Puro. White. Pkt., 10c; oz., \$2.50.

Blue with White Margin. Pkt., 10c; oz., \$2.50.

Mixed. Pkt., 10c; oz., \$2.00.

Pentstemon

A valuable plant for borders and beds. The showy flowers are borne on long terminal spikes. Begin blooming early, continuing to bloom all season. They prefer a dry, light soil. Mixed. Pkt., 10c; oz., \$1.00.

Petunias

These are one of the most indispensable and valuable of our Summer flowers. They are of the very easiest culture, thrive almost anywhere with the least care.

SUPERFINE, MIXED. Large flowering. Pkt., 10c; oz., \$1.00.

DOUBLE MIXED. Large flowering. Pkt., 25c.

SINGLE FRINGED. Large flowering. Pkt., 25c.

Phlox Drummondii

The seed may be sown any time after danger of frost and in a few weeks the plants are a mass of bloom, remaining so until frost. White, pink, crimson, primrose, lilac. Pkt., 10c; oz., \$1.00. Mixed, pkt., 10c; oz., 75c.

Hardy Perennial Phlox

DECUSSATA. Mixed. A great variety of colors. If the first spikes of bloom are removed as soon as over, and the plants given a good watering, they will produce a second supply of flowers. Pkt., 15c; oz., \$3.00.

Physostegia - Perennial

VIRGINICA. Erect spikes of pretty pink flowers. Pkt., 10c; oz., \$1.50.

VIRGINICA ALBA. A beautiful white variety. Pkt., 10c; oz., \$2.00.

Physalis - Chinese Lantern Plant

An ornamental plant, forming dense bushes about 2 feet high, producing freely its bright orange-scarlet, lantern-like fruit. Pkt., 10c; oz., \$1.25.

Platycodon - Japanese Bellflower

Very handsome, hardy perennials with beautiful, large, bell-shaped flowers like the Campanulas. They are very effective for borders or for the rock garden. Pkt., 10c; oz., \$1.50.

Poppies - Annual

An old-fashioned flower that has come back into popular favor. They bear so profusely and are of such brilliant colors that they are especially valuable for mass planting.

DOUBLE CARNATION-FLOWERED. Pkt., 10c; oz., 25c.

SHIRLEY MIXED. Beautiful colors in delicate shades of rose, apricot, salmon-pink, and blush to glowing crimson with a sprinkling of blues. Pkt., 10c; oz., 50c.

FLANDERS POPPY. Vivid scarlet-red. This flower has in the minds of men been associated for over two hundred years with the battlefields of Flanders. Was the first official flower of the American Legion. Pkt., 10c; oz., 50c.

SPECIAL MIXTURE, SINGLE POPPIES. This mixture includes all the above choice Poppies and many other kinds not listed. It is really extra choice. Pkt., 10c; oz., 50c.

Poppies - Hardy Perennial

ORIENTAL POPPIES have very few rivals among hardy plants. Scarlet, pink, mixed hybrids. Pkt., 10c; oz., \$2.00.

ICELAND. Pkt., 10c; oz., \$1.50.

Portulaca

A very free flowering plant, excellent for borders, rockeries and wherever a dazzling color is desired. Seed sown in May will bloom during July. Single Mixed, pkt., 10c; oz., 75c. Double Mixed, pkt., 10c; oz., \$2.50.

Primulas

After sowing the seed, only the thinnest covering of sifted soil is needed. They are of the easiest culture in greenhouse or light window of the home, flowering abundantly and continuously with little care.

CHINENSIS. Pkt., 25c.

ORCONICA. Pkt., 25c.



Spencer Sweet Peas.

Pyrethrum

Decorative border plants, producing in June a great profusion of flowers, which vary in color from snow-white to the richest crimson.
HYBRIDUM GRANDIFLORUM, Mixed. Pkt., 10c; oz., \$2.50.

Ricinus - Castor Oil Bean

Very handsome and distinct new varieties; very large, ornamental foliage, with distinct mid-ribs.
SANGUINEOUS, Pkt., 10c; oz., 25c.
ZANZIBARENSIS, Pkt., 10c; oz., 25c.
MIXED, Pkt., 10c; oz., 25c.

Rudbeckia - Coneflower

NEWMANNI, The perennial form of the "Black-Eyed Susan." Deep orange-yellow flowers, with a dark purple cone; long, wiry stems; blooms all Summer. Pkt., 10c; oz., \$2.00.

Salpiglossis - Painted Tongue

Easily grown annual, flowers vividly marked, spotted and striped; sometimes called the Velvet Flower. Mixed. Pkt., 10c; oz., 75c.

Salvia

Magnificent bedding plant of the most brilliant character. The tall spikes carrying their masses of fiery bloom produce a truly dazzling effect. As hedges along walks or drives they never fail to attract attention.
SPLENDENS, One of the best of the variety and more in use than any other sort. Pkt., 10c; oz., \$2.00.
BONFIRE, Fine sort. Pkt., 15c; oz., \$3.50.
ZURICH, The best dwarf sort known. Pkt., 15c; oz., \$3.50.

Schizanthus - Butterfly or Fringe Flower

Beautiful plant for garden in Summer and for house culture in Winter. Most satisfactory for cutting. Mixed. Pkt., 10c; oz., 50c.

Scabiosa - Pin Cushion Flower

Very free flowering ornamental plants. One of the best and most satisfactory for cutting, the blossoms being borne on tall, erect stems, in a great variety of colors from white to almost black. No garden can afford to be without them.
AZURE FAIRY, YELLOW, ROSE, LILAC, MIXED, Pkt., 10c; oz., 50c.
CAUCASICA, PERENNIAL, Pkt., 15c; oz., \$3.50.

Silene - Catchfly

Very pretty dwarf plants, used mostly for borders, thriving in almost any common soil and easy of cultivation. Pkt., 10c; oz., 50c.

Statice - Sea Lavender

LATIFOLIA, A most valuable plant for either the border or rockery. Mixed. Pkt., 10c; oz., \$1.00.

Stocks

A very popular annual; very fragrant and blooming the greater part of the Summer. Used for beds or borders.
LARGE-FLOWERED DWARF TEN WEEKS STOCKS, Pkt., 10c; oz., \$2.00.
PRINCESS ALICE, White. Pkt., 10c; oz., \$3.00.

Stokesia Cyanea - Cornflower Aster

A most desirable hardy perennial with azure blue or lavender, cornflower-like bloom, blossoming continuously from July till late frosts. Mixed. Pkt., 10c; oz., \$1.50.

Sunflower

We have in this class plants of very stately growth with immense, gaudy flowers, fine for wild gardens, along fences or garden walls.
DOUBLE CHRYSANTHEMUM-FLOWERED, Pkt., 10c; oz., 30c.
STELLA, Pkt., 10c; oz., 30c.

Sweet Peas

In giving a list of Sweet Peas we have confined ourselves to those sorts that have been tested as the strongest growers and from the various shades and colors have selected those which are the clearest and truest.
CHOICE MIXED, This mixture has been most carefully grown from our selected stock seed and it will afford a splendid variety of blooms of improved forms and in the widest possible range of desirable colors. Many of the most pleasing and brilliant colors are included.
Pkt., 10c; oz., 15c; 2 oz., 25c; ¼ lb., 40c; lb., \$1.00.

Lohrman's Selection of Choicest Spencer Varieties

This group includes the largest and most beautifully formed Sweet Peas. The Spencers have very large, waved flowers, which are produced abundantly on long, strong stems, making the blossoms most desirable for cutting. The plants of Spencer varieties, when grown outdoors, are usually in bloom much longer than other Sweet Peas, as most of the blossoms fall off after maturity without setting pods.
BARBARA, Salmon.
DOBBIE'S CREAM, Primrose.
ELTRIDA PEARSON, Light pink.
FLORENCE NIGHTINGALE, Lavender.
KING EDWARD SPENCER, Crimson-scarlet.
KING WHITE, Pure white.
MARGARET ATLEE, Rich pink.
MARGARET MADISON, Azure-blue.
THE PRESIDENT, Orange-scarlet.
SUPERFINE MIXED,
All sorts, pkt., 10c; oz., 25c; ¼ lb., 90c; lb., \$3.00.

Sweet Rocket

Flowers early in Spring, thriving well in any common soil; very fragrant, two to three feet. White, lilac, and purple. Pkt., 10c; oz., 50c.

Thunbergia - Black-Eyed Susan

Beautiful rapid growing annual climber. Prefers a sunny position. All colors mixed. Pkt., 10c; oz., \$1.50.

Valeriana, Hardy Perennial

A showy perennial border plant suitable for bouquets or decorations.
RUBRA (Garden Heliotrope). Pkt., 10c; oz., 75c.

Verbena

One of the easiest grown annuals. For constant and profuse flowering, and for brilliancy and beauty of coloring it has no equal. Start seed early under glass, if possible, that good strong plants may be had for transplanting in the garden. They will commence blooming early in June and continue until after severe frosts.
MAMMOTH, White, pink, scarlet, blue and mixed. Pkt., 10c; oz., \$1.50.
LEMON VERBENA, Aloysia Citriodora. Pkt., 10c; oz., \$2.50.

Vinca - Periwinkle

Of the easiest culture, growing readily from seed and flowering the same season. Plants have dark green foliage and make fine bedding and pot plants. Pkt., 10c; oz., \$1.50.

Violet

(Sweet Scented Violet). Well known favorite, much in demand on account of its abundant and fragrant blossoms. Pkt., 25c; oz., \$4.00.

Wallflower

An old-fashioned English flower, greatly esteemed for its fragrance. Single Mixed, pkt., 10c; oz., 75c. Double Mixed. Very choice. Pkt., 15c; oz., \$4.00.

Wild Cucumber

One of the fastest growing vines, useful for covering old tree stumps, unsightly fences and buildings. Pkt., 10c; oz., 25c.



Zinnias.

Lohrman's Beautiful Zinnias

One of the most popular and most extensively used of all hardy annuals. The following list comprises very choice varieties of the most brilliant colors. Requires but little attention; will grow in any good garden soil.

DAHLIA-FLOWERED. This new giant flowered type has petals which overlap in such a manner as to give the flowers the appearance of a decorative dahlia. The flowers, although not so brilliant in color as those of the older types, are many of them in exquisite shades of rose, lavender and old gold. The plants are strong and vigorous growing, and produce an abundance of blooms throughout the Summer and early Fall.

Exquisite. By far the most pleasing of our collection. Truly Dahlia-flowered as regards form and size. Color light rose with center a deep rose. (Tyrian Rose). Pkt., 25c; ¼ oz., \$1.00; oz., \$3.00.

Oriole. We consider this the most beautiful of its class. It is an immense orange and gold bicolor, changing slightly as it ages, but at all times worthy of the beautiful bird for which it is named. Our cultures are limited, and we can offer Oriole in small quantities only this year. Pkt., 25c; ¼ oz., \$1.00; oz., \$3.00.

Dream. A fine, deep lavender, turning to purple (mal-low purple) a new, desirable shade in Zinnias. Pkt., 25c; ¼ oz., \$1.00; oz., \$3.00.

Polar Bear. A very large pure white, the best white yet seen in Zinnias. True dahlia form. Pkt., 25c; ¼ oz., \$1.00; oz., \$3.00.

Buttercup. An immense, deep, creamy yellow. A very desirable flower, which should be included in every collection. Pkt., 25c; ¼ oz., \$1.00; oz., \$3.00.

Canary Bird. A delicate shade of primrose; very large and holds its color well until out of bloom. Pkt., 25c; ¼ oz., \$1.00; oz., \$3.00.

Special Mixture. A well blended mixture containing the above novelties. Pkt., 25c; ¼ oz., \$1.00; oz., \$3.00.

DOUBLE GIANTS. An improved strain with enormous flowers. Burnt orange, purple, deep flesh, scarlet, golden yellow, canary, mixed. Pkt., 10c; oz., \$1.00.

TALL DOUBLE MIXED. Pkt., 10c; oz., 60c.

DWARF DOUBLE MIXED. Pkt., 10c; oz., 60c.

CURLED AND CRESTED MIXED. Pkt., 10c; oz., \$1.00.

Annual Flowering Plants for Beds, Porches and Window Boxes

DELIVERY, MAY TO JULY.

Our Bedding Plants are grown in greenhouses especially constructed to produce compact, stocky plants. These are not forced, but grown at a low temperature, and are of the hardiest possible character.

EXCEPT WHERE NOTED, THE PRICE OF ANNUAL PLANTS IS 50c PER DOZEN.

ASTERS, Simple's Branching. Separate colors and mixed.

ASTERS, Royal King. Mixed.

BALSAM. Double, mixed.

BLUE LACE FLOWER.

CALENDULA, Orange King.

CANTOR BEAN. Mixed.

CARNATION, Marguerite. Double, mixed.

COBAEA scandens. Blue.

COSMOS, Single Early Flowering. Mixed.

COSMOS, Double Crested. Mixed.

GAILLARDIA picta. Mixed.

HELICHRYSUM. Large double, mixed.

JAPANESE HOP VINE.

KOCHIA or SUMMER CYPRESS.

MARIGOLD, Dwarf French.

MARIGOLD, Tall African.

PETUNIA, Single Superfine. Mixed.

PETUNIA, Giants of California. Single, mixed.

PETUNIA, Rosy Morn.

SALVIA splendens. 75c per dozen.

SCABIOSA. Mixed.

SNAPDRAGON. Mixed. 75c per dozen.

TEN WEEKS STOCK. Double, mixed.

VERBENA, Mammoth. Mixed.

VERBENA, Lemon. Mixed.

ZINNIA. Double, mixed.

ZINNIA, Large Dahlia-flowered. Mixed. 75c per dozen.

Hardy Perennial Plants—Two Year Field Grown

EXCEPT WHERE NOTED, THE PRICE OF PERENNIALS IS 25c EACH; \$2.50 PER DOZEN.

For descriptions, see Flower Sections, pages 12 to 22.

ACHILLEA, "The Pearl."

AGROSTEMMA coronaria.

ANEMONE coronaria.

ANCHUSA italica, Dropmore Variety.

AQUILEGIA (Columbine).

ASTER, Perennial.

BOLTONIA.

CANTERBURY BELLS.

CHRYSANTHEMUMS. Named varieties.

COREOPSIS.

DELPHINIUM belladonna.

DELPHINIUM formosum.

DIGITALIS (Foxglove).

GAILLARDIA grandiflora.

GYSOPHILA paniculata.

HEMEROCALLIS (Lemon Lily).

HIBISCUS or MALLOWS.

HOLLYHOCKS.

LILY-OF-THE-VALLEY.

LINUM.

LYCHNIS.

LOBELIA cardinalis.

LUPINUS.

MALLOW MARVELS, Meehan's.

PHLOX. Named varieties.

PLATYCODON (Bellflower).

POPPY, Oriental.

SALVIA farinacea.

STATICE latifolia.

STOKESIA.

SWEET WILLIAM.

TRITOMA Pitzeri.

YUCCA filamentosa.

Field Grown Dahlia Roots

The Dahlia is coming to the front in the ranks of Summer flowering plants. There is nothing that can equal them in range of color and abundance of bloom. They are splendid for cut flower work and command attention wherever grown. Plant the tubers 5 inches deep and 3 feet apart, lay flat, don't stand them upright, cover an inch or so, and add covering after sprout appears. Tie them to a stout stake, and only permit two sprouts to grow. Remove all others, or you get too much plant and no flowers.

Culture. The Dahlia will succeed in most soils, but a light, sandy loam, well drained, is preferable to a heavy loam soil. An open, sunny location is much superior to a shady one. Constant cultivation is one of the most important operations for success with Dahlias. Never allow the top of the soil to bake. Keep the soil around your plants cultivated, especially after every rain. Stir deeply at first, until buds appear, after which lighter cultivation is advised.

Decorative Type

The Decorative types are characterized by gracefully formed flowers of large size with broad petals, being intermediate in form between the compact Show sorts, which are nearly round, and the Cactus varieties, which have loosely formed blossoms with long, twisted petals.

PACKEL. Autumn color. 50c each; \$5.00 per doz.

FIREBURST. Brilliant scarlet-red flowers borne on stems of good length for cutting. 40c each; \$4.00 per doz.

FRANK H. BASSETT. Carmine-purple; very free. 25c each; \$2.50 per doz.

FRAU G. SCHEIFF. Color a rich blending of apricot, orange and yellow, with reverse of petals coral-red. The flowers freely produced on long, erect stems. 75c each; \$7.50 per doz.

JOHN WANAMAKER. Is the most beautiful of Dahlias, having a formation entirely its own in its charming irregularity. The flowers are alike, and yet not exactly alike, one of its charms. The plant is a strong, vigorous, branching grower, and the earliest, most constant and profuse bloomer. 50c each; \$5.00 per doz.

JOSEPH MANDA. A fine dark red. 50c each; \$5.00 per doz.

KING OF THE AUTUMN. Shadings of gold and salmon-pink; long, strong stems. A very pleasing color and one of the most satisfactory varieties we know of. 60c each; \$6.00 per doz.

MASTERPIECE. Autumn colors. 50c each; \$5.00 per doz.

MINA BURGLE. Brilliant deep scarlet; as a bloomer it has few equals; as a cut flower it has no superior; as a red Decorative it has no competitor. 25c each; \$2.50 per doz.

MRS. STRUCK. A fine white. 50c each; \$5.00 per doz.

OREGON BEAUTY. Intense glowing red suffused with orange and garnet. A free bloomer with long, stiff stems. One of the best. 35c each; \$3.50 per doz.

YELLOW DUKE. Canary-yellow, quilled petals; a giant flower on long stems. 25c each; \$2.50 per doz.

Cactus Type

ATTRACTION. Lilac-rose; petals beautifully curled. 75c each; \$7.50 per doz.

COUNTESS OF LONSDALE. Apricot shaded salmon-red. An early, very attractive Cactus variety. 35c each; \$3.50 per doz.

ETENDARD DE LYON. Carmine-rose, a charming color; curly, wavy petals; a giant with long, graceful stems. A gorgeous flower. 50c each; \$5.00 per doz.

EUREKA. Rich, velvety violet-crimson to dusky purple center; large blooms of finest form. 35c each; \$3.50 per doz.

FLORADORA. Wine crimson; very free and fine. 25c each; \$2.50 per doz.

MARGUERITE BOUCHON. Soft rose with white tips and center; straight petals. Medium size but of perfect form and habit. A universal favorite. 60c each; \$6.00 per doz.

NERTHUS. The center of the flower is a rich, glowing bronze, passing to a carmine-rose at the tips. A most attractive color. 30c each; \$3.00 per doz.

RHEINKONIG. Pure snow-white flowers of fine form. Splendid for cutting. 30c each; \$3.00 per doz.

SHERLOCK. Orange-scarlet with apricot suffusion; one of the Autumn tints; flowers very large on good stems for cutting; free, early and continuous bloomer. 35c each; \$3.50 per doz.

Show Type

AQUISITION. A deep, rich shade of lilac. 30c each; \$3.00 per doz.

ARABELLA. Light sulphur-yellow shaded with primrose. 25c each; \$2.50 per doz.

CHAS. LANIER. The largest deep yellow. Very rich yellow and fine for cutting. 25c each; \$2.50 per doz.

DR. KIRKLAND. Dark crimson; very large and full. 25c each; \$2.50 per doz.

ELSIE BURGESS. Grand bloomer, white overlaid pinkish lavender. 25c each; \$2.50 per doz.

A. D. LIVONI. Soft pink; extra fine, free bloomer. 25c each; \$3.00 per doz.

MAUDE ADAMS. A pure snowy white, very effectively overlaid clear delicate pink. One of the finest of the new Show Dahlias. 35c each; \$3.50 per doz.

RED HUSSAR. Richest, dazzling cardinal-red. 25c each; \$2.50 per doz.

ROBIN ADAIR. Terra cotta. 25c each; \$2.50 per doz.

ROYAL PURPLE. Rich deep purple. Flowers only of medium size but are abundantly produced. 25c each; \$2.50 per doz.

W. W. RAWSON. Color a beautiful, delicate lavender; one of the best grown. Stock limited. 50c each; \$5.00 per doz.

YELLOW DUKE. A vigorous grower with large, clear canary-yellow flowers; quilled petals. 30c each; \$3.00 per doz.

Double Dahlias

Double Dahlias, un-named, in orange, pink, purple, red, white and yellow. 15c each; \$1.50 per doz.



Varieties of Dahlias.

Gladioli

Provide Cut Flowers All Summer With Very Little Effort

These have been most popular for many years, and deservedly so. They are of the easiest culture, with a range of color known to no other garden bulb, useful for massing, bordering or shrubbery work, for cutting unexcelled. Any ordinary garden soil suits Gladioli, and with successive plantings from May to August flowers can be had from July until frost. Plant bulbs 4 inches deep and 6 inches apart, cultivate frequently and water freely.

Red Shades

ATTRACTION. Very large Amaryllis-like flowers of rich crimson and having a large white throat blotch on the three lower petals, making an effective and striking contrast; tall, strong, well furnished spike. 10c each; \$1.00 per doz.; \$7.00 per 100.

EMPRESS OF INDIA. Rich dark maroon. 15c each; \$1.50 per doz.; \$10.00 per 100.

MRS. FRANCIS KING. Brilliant vermilion-scarlet. Most popular and effective variety for all occasions. First size bulbs, 8c each; 75c per doz.; \$5.00 per 100.

WAR. Deep blood-red, shaded crimson-black. A leader among the large reds. 15c each; \$1.25 per doz.; \$8.00 per 100.

PROSERPINE. Wine-red, very striking color. 10c each; 75c per doz.; \$6.00 per 100.

MRS. WATT. American Beauty shade. 15c each; \$1.50 per doz.; \$10.00 per 100.

Pink Shades

AMERICA. Perhaps the most popular Gladiolus grown, immense flowers of exquisite soft pink; glistening in the sunlight as if sprinkled with diamond dust. A touch of Tyrian rose ornaments the throat. Strong grower, free bloomer, tall, well furnished spike. 7c each; 60c per doz.; \$4.00 per 100.

HALLEY. Delicate salmon-pink, with a slight roseate tinge, the lower petals bear a creamy blotch with a stripe of bright red through the center. 10c each; \$1.00 per doz.; \$6.00 per 100.

LE MARCHAL FOCH. A recent introduction having enormous flowers of a beautiful delicate pink, the finest variety of its color in existence. 8c each; 75c per doz.; \$5.50 per 100.

MRS. FRANK PENDLETON. Of the largest size and most exquisite color. Delicate flushed salmon-pink with rich maroon blotch on the three lower petals. 10c each; \$1.00 per doz.; \$6.00 per 100.

PANAMA. An improved America, largest and most notable spike of bloom among all pink sorts. 10c each; 85c per doz.; \$6.00 per 100.

PRINCE OF WALES. The flowers are large and well placed and the color is a most charming coral-pink. It is a sport of "Halley," but larger and of taller growth and also somewhat earlier. The delicate tint is practically without throat markings. 10c each; \$1.00 per doz.; \$7.00 per 100.

White Varieties

CHICAGO WHITE. White, lavender markings in throat. 8c each; 75c per doz.; \$5.00 per 100.

LILY WHITE. An early white Gladiolus of first rank, stalks tall, slim and wiry, flowers large, wide open and well placed. Will crowd out all other whites. 10c each; \$1.00 per doz.; \$7.00 per 100.

MRS. DR. NORTON. Large white flowers, the edges suffused with soft pink. The lower petals have a blotch of sulphur yellow stained with fine specks of pink. 20c each; \$1.75 per doz.; \$12.00 per 100.

PEACE. Very large, nearly white, with pale violet feathering on lower petals; flowers correctly placed on a tall, graceful spike. 10c each; \$1.00 per doz., \$7.00 per 100.



The Gladiolus is Unsurpassed as a Cut Flower.

Blue Shades

ANNA EBERIUS. Dark velvety purple, throat deeper. 15c each; \$1.50 per doz.; \$10.00 per 100.

BARON HULOT. Full round flowers of rich velvety purple-violet, lighter in the throat, a small golden rib through the lower petals is contrastingly effective; splendid, tall, well furnished spike. 12c each; \$1.25 per doz.; \$8.00 per 100.

HERADA. Massive large blooms of a pure glistening mauve with deeper markings at throat. 15c each; \$1.50 per doz.; \$10.00 per 100.

SCHWABEN. Clear canary-yellow, shading to soft sulphur. Largest flower stalk and leaves of all. Planted 7 or 8 inches apart in rich soil produces wonderful blooms. 10c each; 85c per doz.; \$6.00 per 100.

GIANT FLOWERED MIXED. A mixture of the best Giant Flowered sorts in a wide range of shades and colors, and includes many named varieties of special merit. One of the most satisfactory mixtures of Gladioli obtainable and one that is sure to give satisfaction. 5c each; 50c per doz.; \$3.00 per 100.



Lilium Auratum.

Hardy Peonies

DUCHESS DE NEMOURS. Sulphur-white changing gradually to pure white. Early and fragrant. 75c each; \$8.50 per doz.

FESTIVA MAXIMA. The finest white in existence, and considered by many as the finest of all Peonies. Carmine spots on edge of center petals. 75c each; \$8.50 per doz.

EDULIS SUPERBA. Violet-pink. Early. 75c each; \$8.50 per doz.

MONSIEUR JULES ELIE. Early midseason. This is the king of all pink Peonies. Immense globular flower of glossy lilac-pink, shading to deeper rose at the base. The entire flower is overlaid with a sheen of silver. \$1.00 each; \$11.00 per doz.

FELIX CROUSSE. Brilliant red. Late midseason. \$1.00 each; \$11.00 per doz.

Hardy Lilies

AURATUM. Gold-banded Japanese Lily. White, spotted with crimson and with a gold band on each petal. A beautiful addition to the hardy garden. 50c each; \$5.00 per doz.

SPECIOSUM RUBRUM. White, shading to pink with crimson spots. 50c each; \$5.00 per doz.

SPECIOSUM ALBUM. Pure white with green band through center of each petal. 50c each; \$5.00 per doz.

TIGRINUM SPLENDENS. Single Tiger Lily. Orange with dark spots. 35c each; \$3.50 per doz.

TIGRINUM FLORE PLENO. Double Tiger Lily. Orange spotted black. 35c each; \$3.50 per doz.

Bulbs and Roots For Spring Planting

Caladium or Elephant's Ear

LARGE SIZE BULBS. 25c each; \$2.50 per doz.
SMALL SIZE BULBS. 15c each; \$1.50 per doz.

Madeira Vine

A valuable climber for porches, arbors, etc. The flowers are white and very fragrant, and the foliage is a beautiful glossy green. 10c each; \$1.00 per doz.

Cinnamon Vine

Splendid, hardy climber, rapid grower, with bright, glossy green, heart-shaped leaves. White Cinnamon-scented flowers. 10c each; \$1.00 per doz.

Ismene Calathina - Peruvian Daffodil

A Summer flowering bulb, producing large, white, Amaryllis-like flowers. Plant out in June and take bulbs up in October, keeping them for the next season. 15c each; \$1.50 per doz.

Tuberose

DOUBLE DWARF PEARL. First size bulbs. 10c each; \$1.00 per doz.; \$8.00 per 100.

Summer Hyacinths

A white Summer-flowering Hyacinth with 20 to 30 bell-shaped flowers. Height 3 to 5 feet. 15c each; \$1.50 per doz.

Cannas

GREEN LEAF VARIETIES

They grow rapidly and bloom for a long season, succeeding in sunny positions in almost any kind of soil and responding quickly to liberal treatment by gorgeousness of bloom, size of foliage and height of stems. Give us the colors you want and whether tall or dwarf varieties, and we will make good selection.

YELLOW KING HUMBERT. An orchid-flowering sport of the well known King Humbert. Foliage a very dark green, with flowers 5 to 7 inches across and petals 3 to 3½ inches in diameter. Color of flower a rich, deep yellow, spotted and blotched with bright red. 20c each; \$2.00 per doz.

FLORENCE VAUGHAN. The original speckled Canna. Yellow peppered with bright red. 4 feet. 20c each; \$2.00 per doz.

WINTZER'S COLOSSAL. The effect produced by the vivid scarlet flowers is very striking. It is the largest Canna yet introduced, also the earliest, most persistent and most prolific bloomer. 5 feet. 20c each; \$2.00 per doz.

CRIMSON BEDDER. Dazzling crimson-scarlet, well displayed above the foliage. One of the most conspicuous and satisfactory red bedding Cannas. 4 feet. 20c each; \$2.00 per doz.

MRS. A. CONARD. The grandest salmon-pink Canna in existence. Magnificent heads of perfectly formed, lasting flowers of almost indescribable beauty. 4 feet. 30c each; \$3.00 per doz.

HUNGARIAN. A magnificent pink Canna in color similar to the Paul Neyron rose. Petals large and waxy. One of the most popular pink Cannas ever produced. 4 feet. 25c each; \$2.50 per doz.

QUEEN CHARLOTTE. Makes a gorgeous display in masses. Color, a wide, ragged band of yellow bordering a center of scarlet suffused carmine. 3½ feet. 20c each; \$2.00 per doz.

MADAME CROZY. Gilt edged, rosy scarlet. 3½ feet. 20c each; \$2.00 per doz.

BRONZE LEAF VARIETIES

KING HUMBERT. The grandest Canna ever offered. Large, heart-shaped leaves of purple madder brown over bronze, the dark ribs sharply defined, crowned with immense heads of orchid-like flowers. Individual petals are of the largest size, velvety orange-scarlet flecked carmine, rose tinted at margin and base. 4 to 4½ feet. 20c each; \$2.00 per doz.

DAVID HARUM. Dark bronze foliage. Strong grower and one of the freest blooming Cannas we have ever seen. 3½ feet. 20c each; \$2.00 per doz.



Cannas.

Best Field-Grown Roses for Your Garden

Culture. When the Rose beds are prepared, be sure they have good drainage, and that the soil is rich and sweet. Water well after planting. Prune them well; if you do not know how, ask us; we will be glad to tell you the right way. Keep them clean from insects. Bush Roses can be set 1½ feet apart, climbing varieties from 4 to 6 feet apart, and standard Roses 3 or more feet apart. Cultivate freely throughout the Summer and apply a light top dressing of bonemeal or sheep manure at least once a month throughout the growing season. Just before the ground freezes, in late November, draw the soil up against the plant in the same manner as you would hill up potatoes, and in December, when the ground is thoroughly frozen, cover with leaves, hay or straw.

Our roses are two-year-old stock, which will give an abundance of bloom the first Summer.

The roses offered here are budded low on Manettia stocks and are generally known as budded roses. Plant so that the bud is three inches below the surface of the ground.

Price, except where noted, 75c each; \$7.50 per doz.

Hardy Hybrid Perpetual Roses

FRAU KARL DRUSCHKI. An immense, pure white, perfectly double rose, sometimes almost 6 inches in diameter, abundantly produced in June and if kept growing, continues blooming all Summer. Plant robust, vigorous, and upright. An extremely popular rose.

GENERAL JACQUEMINOT. The "Jack" Rose, a long-time favorite. The fragrant, perfectly formed blossoms come early, are brilliant scarlet-crimson, and are borne on long, strong stems, by a vigorous plant.

HUGH DICKSON. Large, finely formed, sweetly fragrant blooms that are freely produced until frost by strong plants. Gold Medal, National Rose Society.

MRS. JOHN LAING. Very large, long-pointed buds opening to immense, full, moderately fragrant and beautiful soft pink flowers. A low but vigorous growing plant, and a profuse bloomer.

PAUL NEYRON. One of the best Hybrid Perpetuals for outdoor culture, and probably the largest rose in commerce, the flowers sometimes being 6 inches in diameter. Fragrant clear pink blooms shading to rose, produced by a vigorous, hardy plant that frequently shows Fall blooms.

PERSIAN YELLOW. A small, fragrant, double, golden yellow flower borne in great profusion. Desirable for a hedge or for mixing in shrubbery.

ULRICH BRUNNER. One of the best Hybrid Perpetual roses. Large, fragrant, perfectly formed blooms of distinctive light red, borne freely on very vigorous plants. Essential in any collection.

Everblooming Hardy Hybrid Tea Roses

This class has resulted from crossing the Hardy Perpetuals with the Tea scented varieties and possesses the hardiness of the first with the free-blooming habit and fragrance of the latter; all having long pointed buds borne on strong stems which makes them so valuable for cut flowers and in such great demand for table decorations; embracing such wide range of colors.

Price, except where noted, 75c each; \$7.50 per dozen.

GRUSS AN TEPLITZ. In color it is the richest scarlet, shading to a velvety crimson; very fragrant; a free, strong grower and in bloom all the time. This rose should be in every garden, as it succeeds under the most ordinary conditions.

HOOSIER BEAUTY. A remarkable rose of American origin; glowing crimson with darker shadings. Buds large, long-pointed; blooms very large, full, borne several together, on long stem; sweetly fragrant. Good variety for show purposes; stands up well.

LOS ANGELES. Color a flame pink, toned with coral and shaded with translucent gold at the base of the petals. Strong grower with stems as long as an American Beauty. The flowers are as large as Paul Neyron, forming long and pointed buds; its freedom and continuance of bloom is remarkable.

MME. CAROLINE TESTOUT. The streets of Portland are bordered with thousands of these roses, because the beautiful blooms are borne abundantly all Summer on the strong, vigorous plants. The large, rounded flowers are bright satiny rose, with darker center, and edges of petals bordered with soft carmine-pink.

OPHELIA. This highly desirable rose is successful for outdoor as well as for greenhouse culture. The beautifully formed, fragrant, salmon-flesh flowers are borne on long, stout stems and are freely produced until frost. Large, dark green, leathery, disease-resistant foliage; plant of vigorous, upright habit.

PINK KILLARNEY. Large, long-pointed buds, opening to large, loose blooms of beautiful flesh color, borne on long strong stems.

WHITE KILLARNEY. Sport of Killarney and very similar to it in size, shape and fragrance, but pure white in color.



Sunburst Rose.

RADIANCE. Brilliant rosy-carmine shaded with rich opaline-pink tints in the open flower, which is large, full, of fine form, with cupped petals; a constant bloomer, producing strong, upright canes and an excellent keeper in Summer.

RED RADIANCE. A bright, cheerful and even shade of pure red. Size, foliage, growth and habit same as in the parent "Radiant," a splendid bloomer and fine variety for outdoor planting.

SUNBURST. A magnificent rose. The color is orange-copper or golden-orange with a deep orange center. Buds long and pointed, borne singly on long stout stems opening full and double.

Hardy Climbing Roses

Price, 75c each; \$7.50 per dozen.

DOROTHY PERKINS. One of America's notable climbing roses. Clear cherry-pink, slightly fragrant flowers, borne in great profusion and lasting for a long time; they are double and the petals crinkled, which gives them a delightfully fluffy appearance. The plant makes a very strong growth—as much as twenty feet in a season. Foliage is glossy, bright green and persists until cold weather.

DR. W. VAN FLEET. Probably the best climbing Rose in cultivation. Perfectly formed, long-pointed, deep pink buds on long stems with several in a cluster, that open a lighter shade of pink, expanding to about 4 inches. It is a vigorous grower, with abundant dark green, glossy, disease-resistant foliage that is a delight to the eye all Summer.

CLIMBING AMERICAN BEAUTY. This new climbing form of the famous pink rose, so long the American favorite for cutting, is as lovely and fragrant and deeply pink as the bush form. The hardy climber blood with which it is crossed gives healthy, perfect foliage and a strong climbing habit of growth; the super-abundant bloom being in prime before the June show of the bush type.

EXCELSA. A radiant, blood-red cluster Rose, as free and double as Dorothy Perkins, of which it is the red prototype. The clusters are very large. Excelsa outgrows most of the Rambler Roses, has notably good, clean foliage, and proves to be comparatively immune to disease.

PAUL'S SCARLET CLIMBER. Winner of gold medal as best new climbing Rose, at National Rose Society's Exhibition. Flowers are scarlet, shaded crimson; large, semi-double. Corresponds with Cl. Am. Beauty, Dr. Van Fleet, etc., as to size, shape and habit. Blooms very long, holding in flower after many June bloomers have dropped their petals; a wonderful rose for trellis or pergola use.

LOHRMAN SEED CO.

"SEEDS THAT PRODUCE"

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LOHRMAN SEED CO. gives no warranty, express or implied, as to description, purity, productiveness or any other matter of any seeds, bulbs or plants they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are to be returned at once. (OVER)

(OVER)

Hardy Ornamental Shrubs

The use of shrubbery adds materially to the beauty and attractiveness of the home grounds. It affords an opportunity for artistic development with the varying color of foliage and flowers in Summer, followed by the bright colored bark and berries of some species in Winter.

PRICES ON ALL SHRUBS, EXCEPT WHERE NOTED, 75c EACH; \$7.50 PER DOZEN.

Althea - Rose of Sharon

One of the best known shrubs, with handsome plain and variegated foliage and bearing large, single or double flowers in August and September.

DOUBLE ROSE, WHITE, PURPLE AND RED.

Almond

DOUBLE RED FLOWERED. A beautiful small shrub, bearing an abundance of small, double, roselike flowers in May. \$1.00 each; \$10.00 per doz.

DOUBLE WHITE FLOWERED. Produces beautiful double white flowers in May. \$1.00 each; \$10.00 per doz.

Berberis - Barberry

THUNBERGI BARBERRY (Japanese). Blossoms small, yellow, followed by berries that turn bright red in Autumn. Leaves small and changing to coppery red in Fall. 50c each; \$5.00 per doz.

Buddleia - Butterfly Bush

Shade of violet-mauve; borne on long spikes from 15 to 20 inches long.

Calycanthus - Sweet-scented Shrub

Blossoms in June; growing 6 to 8 feet high.

Cornus - Dogwood

WHITE FLOWERING. A small tree of irregular habit; produces large, showy, white flowers in May.

RED FLOWERING. The flowers are similar to the white form, but are a bright pink.

Japan Quince

Grows 5 to 8 feet. Has bright scarlet-crimson flowers in great profusion in the early Spring.

Deutzia

A very desirable shrub blossoming in June.

PRIDE OF ROCHESTER. Double white.

GRACILIS. Dwarf. White.

Euonymus - Strawberry Shrub

One of the most beautiful of shrubs in Fall when foliage turns bright scarlet.

Forsythia - Golden Bell

One of the best early flowering shrubs.

FORTUNEI.

Hydrangea

Free-flowering shrub with large clusters or panicles of showy flowers.

ARBORESCENS (Hills of Snow). \$1.00 each; \$10.00 per doz.

PANICULATA GRANDIFLORA.

Lonicera - Bush Honeysuckle

Valuable for their handsome flowers and showy fruit.

PINK.

WHITE.

Philadelphus - Mock Orange

Are mostly large shrubs, growing from 6 to 10 feet high.

CORONARIA.

AUREA or GOLDEN.

Privet

The Privets are best known for their use as hedge plants.

CALIFORNIA. \$1.50 per doz.; \$10.00 per 100.

AMOR RIVER. \$3.00 per doz.; \$20.00 per 100.

IBOTA or CHINESE. \$3.00 per doz.; \$20.00 per 100.

Spirea

The Spireas are all elegant, low shrubs, of the easiest culture, and their blooming extends over a period of three months.

VAN HOUTTEI. The finest of all Spireas.

ANTHONY WATERER. Dwarf, crimson.

Symphoricarpos - Snowberry

Inconspicuous rose colored flowers in June and July, followed by large clustered, milk-white fruits.

Lilac - Syringa

Best beloved of all the old time shrubs; exquisitely fragrant bloom during the Spring months; with ornamental foliage the entire season.

COMMON PURPLE. Most suitable for hedges and the taller shrub groups.

PERSIAN PURPLE. Dwarf growing with slender branches and narrow leaves; a choice subject for low and medium height foundation planting. \$1.00 each; \$10.00 per doz.

DOUBLE FRENCH NAMED. Improved budded sorts. The bushes are stockier, shorter, of slower growth and more treelike than other types. In assortment. \$1.00 each; \$10.00 per doz.

PLICATUM (Japan Snowball). Erect, compact, growing 6 to 8 feet. Purple tinted foliage; a solid mass of white in June.

Weigela

A strong, upright, erect grower. Flowers produced in great profusion in June.

CANDIDA. White.

ROSEA. Rose.

EVA RATHKE. Red. \$1.00 each.



Althea, Rose of Sharon.

Hardy Climbing Vines

Ornamentals of this class are so hardy and beautiful that they deserve greater attention than they receive. Nothing lends such pleasing effect to wall or veranda as the judicious use of vines. The hardy vine is best adapted for covering an unsightly wall or for furnishing shade and ornament to verandas.

Hardy vines practically take care of themselves after once established, and are much more desirable and less trouble than annual or tender varieties.

Aristolochia - Dutchman's Pipe

A native species of climbing habit and rapid growth. \$1.00 each; \$11.00 per doz.

Ampelopsis Veitchi - Japan or Boston Ivy

A hardy and very useful climber. It is a splendid plant for covering an object, as it clings perfectly to the smoothest surface. The foliage is a bright glossy green, changing to bright tints of scarlet, crimson and orange. Kills back some in a cold, dry climate. 50c each; \$5.00 per doz.

Bignonia - Trumpet Vine

RADICANS. A hardy high climbing plant with large, scarlet, trumpet-shaped flowers. 50c each; \$5.00 per dozen.

Celastrus - Bittersweet

SCANDENS. A native climber with glossy leaves; fruit orange and crimson, in clusters, hanging on vine all Winter. 50c each; \$5.00 per doz.

Clematis - Virgin's Bower

This family of plants is noted for its rapid, slender growth, delicate foliage and profusion of bloom through the Summer.

PANICULATA. Small flowered, white. 50c each; \$5.00 per doz.

HENRYI. Large flowered, white. 75c each; \$7.50 per doz.

JACKMANI. Large flowered, purple. 75c each; \$7.50 per doz.

Lonicera - Climbing Honeysuckle

Favorite vine with delightfully fragrant flowers. Perfectly hardy and adaptable to any purpose.

HALIANA (Hall's Japan Honeysuckle). Color white and yellow. 50c each; \$5.00 per doz.

SEMPERVIRENS. Scarlet. 50c each; \$5.00 per doz.

Wisteria

One of the most elegant and rapid growing of all climbing plants; attains immense size.

PURPLE. \$1.00 each; \$10.00 per doz.



Ampelopsis.

Small Fruits

Blackberries

ELDORADO. Generally considered the best Blackberry grown, both for home use and market. Berries are large, jet black and especially noted for sweetness and flavor. 15c each; \$1.50 per doz.

Currants

PERFECTION. Red. Berries large and juicy. Flavor mild and spicy. 25c each; \$2.50 per doz.

CHAMPION. Black. Long clusters, large berries and delicious flavor. 25c each; \$2.50 per doz.

Gooseberries

DOWNING. Considered the best Gooseberry. Equally valuable for home or market. 35c each; \$3.50 per doz.

Raspberries

CUTHBERT. Red. Large, firm and of good flavor. 15c each; 50c per doz.

CUMBERLAND. Black. One of the largest Raspberries. 15c each; \$1.50 per doz.

Grapes

CONCORD. The best black Grape. 35c each; \$3.50 per doz.

CATAWBA. The best red Grape. Rich, sweet and pulpy. 35c each; \$3.50 per doz.

NIAGARA. The standard white. Berries are large with a fine flavor not resembling any other sort. 35c each; \$3.50 per doz.

Strawberries

In the best standard varieties. 25c per doz.; \$1.50 per 100.

Fall or Everbearing Strawberries

PROGRESSIVE. A good yielder. Berries of fair size and good color. 35c per doz.; \$2.50 per 100.

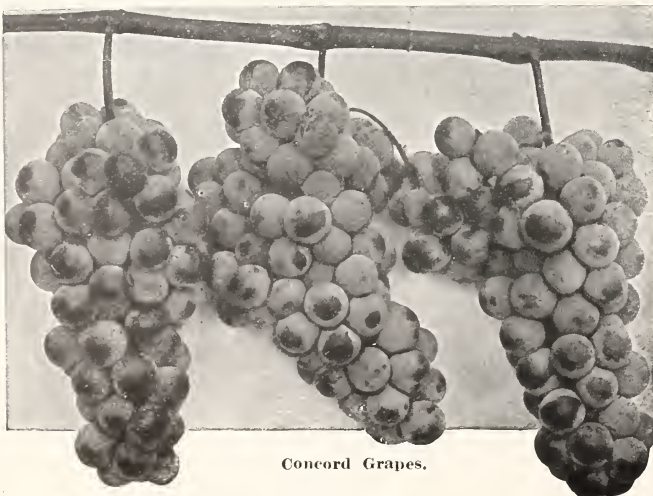
Tomatoes

BONNY BEST. Very early. 50c per doz.

DWARF CHAMPION. The tree Tomato. 50c per doz.

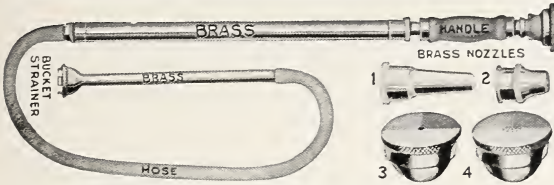
STONE. A good Tomato for general use. 50c per doz.

PONDEROSA or BEEFSTEAK. Very large. 50c per doz.



Concord Grapes.

Spray Pumps

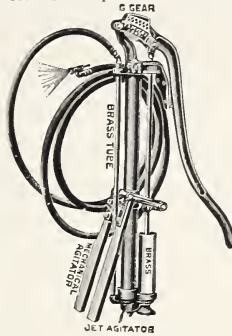


"Sturdy" Brass Spray Pump

A handy and exceedingly powerful pump. Throws a continuous spray. Used with either a pail or barrel. Price, \$5.50.

No. R305B Barrel Spray Pump

This pump meets every requirement for spraying, white-washing, etc. Will develop ample pressure for use with two nozzles. Pump is constructed with both mechanical and jet agitators, and patented cog gear, which materially lightens the labor in operating. Equipped with one lead of 15 feet of 1/2-inch, 5-ply discharge hose, and graduating Vermorel nozzle. Bordeaux instead of Vermorel nozzle supplied at option. Price, \$17.50.



Auto Spray No. 1

Eight to ten strokes of plunger in air chamber will compress enough air to discharge the entire contents and make a continuous spray for nine minutes. Can be charged in fifteen seconds, when it will work long enough to spray a quarter acre. The sprayer is carried by a shoulder strap and will cover ten times more area in a day than can be covered with the old-style sprayers.

AUTO SPRAYER NO. 1-B. Brass tank with Auto-pop. Price, \$10.00.

AUTO SPRAYER NO. 1-D. Galvanized tank, with Auto-pop. Price, \$8.00.

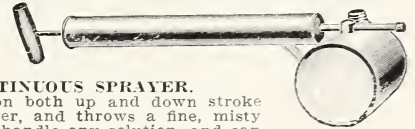
Two-row attachment for spraying two rows at one time, \$1.85. Two feet of brass extension pipe, 80c. Brass elbows for spraying under vines, 50c. Galvanized strainer for straining solution, \$1.50.

Myers No. R337B Portable Sprayer

A general purpose orchard, field and whitewash sprayer. The tank has a capacity of 15 gallons and is securely attached to the wheel frame. The pump itself is on the principle of the force pump and being equipped with the patented cog gear will readily generate a pressure of 150 pounds to the square inch. Equipped with 15 feet of 1/2-inch, 5-ply discharge hose, dasher agitator, 8-ft. extension with a cut-off, and Vermorel nozzle. Furnished with double wheel for inside work at same price. Price, \$28.00.

Spray Pump Nozzles

BORDEAUX, \$1.25. SIMPLEX, \$1.00. VERMOREL, \$1.00.



CONTINUOUS SPRAYER.

Operates on both up and down stroke of the plunger, and throws a fine, misty spray. Will handle any solution, and can be operated at any angle. Capacity one quart. Red enameled, \$1.00. Brass, \$1.25.

Corona Hand Duster

A splendid garden duster. Price, \$1.25.

Planet Jr. Garden Tools

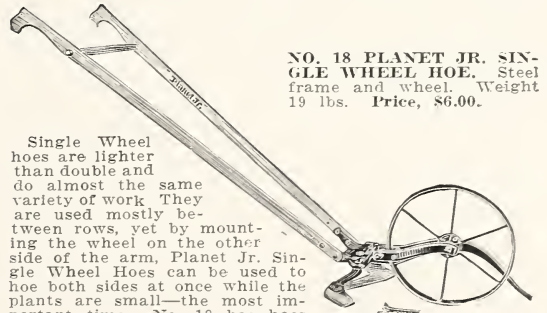
WRITE US FOR COMPLETE PLANET JR. CATALOG.



NO. 4 PLANET JR. COMBINED HILL AND DRILL SEEDER, WHEEL HOE, CULTIVATOR AND PLOW. Weight 50 lbs. \$21.50. As a Seeder Only (No. 4D). \$17.00. Holds 2 1/2 quarts of seed.

This accurate, easy running tool sows all garden seeds from smallest up to peas and beans in hills 4, 6, 8, 12 or 24 inches apart, or in drills at the proper thickness and depth; rolling down and marking out next row all at one passage. By removing the seeder and substituting the tool frame you have a complete Single Wheel Hoe which plows, hoes, cultivates easily and thoroughly all through the season.

NO. 26 PLANET JR. DRILL SEEDER. No. 1—Wide tread wheels needed on muck and other soils. No. 2—Index unusually accurate, arranged for principal seeds. No. 3—Hopper capacity four quarts. Removed by unscrewing one wing nut.



NO. 18 PLANET JR. SINGLE WHEEL HOE. Steel frame and wheel. Weight 19 lbs. Price, \$6.00.

Single Wheel hoes are lighter than double and do almost the same variety of work. They are used mostly between rows, yet by mounting the wheel on the other side of the arm, Planet Jr. Single Wheel Hoes can be used to hoe both sides at once while the plants are small—the most important time. No. 18 has hoes only, but cultivator teeth and landside plow can be added if desired.

NO. 13 COMBINED DOUBLE AND SINGLE WHEEL HOE, CULTIVATOR AND PLOW. Weight 28 pounds. Steel frame. 14-inch steel wheels. Price, \$8.25.

Cultivating Attachments for Planet Jr. Wheel Hoes

S100-S101 6-INCH HOES. Pair\$1.40
1395 CULTIVATOR TEETH. Each40
LANDSIDE PLOW. For Single Wheel Hoes 1.50
PAIR PLOWS. For Double Wheel Hoes. Per pair .. 1.50
DISC HOES. Per pair 3.50

Insecticides and Fungicides

Insects that Suck the Juices from Plants, Foliage, etc., such as lice, green, black and white aphids or fly, mealy bug, red spider and scale, thrust their proboscis into the leaf or stem, and are not affected by stomach poisons; so they must be destroyed by contact insecticides. Those in powder form kill by the breathing pores in the insect's skin; or in liquid form, by being absorbed through their pores. The best contact insecticides in powder form are Hellebore, Slug Shot, and Nicotine Dust. The best in fluid form are Aphine, Nicotine, and Fish (Whale) Oil Soap.

Insects that Eat Plants, Foliage, Vegetables, Flowers, etc., whether bugs, beetles, worms, caterpillars or slugs, are more quickly and effectually destroyed with a poisonous stomachic insecticide such as Arsenate of Lead, Paris Green or Hellebore. These, if applied according to directions, are so diluted as to be harmless to vegetation and to animal life.

ANT EXTERMINATOR. Non-poisonous powder which, if scattered about their haunts or runs, will kill or drive away ants from lawns, etc. One pound for 300 square feet. $\frac{1}{2}$ lb., 25c; lb., 35c; 5 lbs., \$1.25.

APHINE. Readily soluble in water, applied as a spray, wash or dipping solution. Destroys plant lice, aphids, red spider, etc. Use from 2 to 4 tablespoonfuls to one quart of water. (Not mailable). $\frac{1}{2}$ pt., 35c; pt., 60c; qt., \$1.00; gal., \$3.00.

ARSENATE OF LEAD, DRY. May be used either as a dust diluted with hydrated lime, plaster or road dust, or as a liquid spray with water, lime-sulphur solution, or Bordeaux; only half the weight is needed as of the paste form. Use 2 to 3 tablespoonfuls to 1 gallon of water. $\frac{1}{2}$ lb., 30c; lb., 35c; 5 lbs., \$2.25; 10 lbs., \$4.00; 25 lbs., \$9.00.

BORDEAUX MIXTURE, DRY. For blight, mildew, rust, etc. It has all the advantages of paste with double the strength. Goes twice as far. Used for dry dusting or wet spraying. Dilute one pound to about 6 gallons of water or use 12 tablespoonfuls to 1 gallon of water. $\frac{1}{2}$ lb., 20c; lb., 35c; 5 lbs., \$1.25; 10 lbs., \$2.25; 25 lbs., \$6.50.

BORDEAUX AND ARSENATE OF LEAD, DRY. A combined insecticide and fungicide. Kills bugs and prevents blight, rot, mildew and fungus in one spraying operation. Can be used for wet spraying or dry dusting on fruits, vegetables or flowers. Complete spray for gardens. One pound makes about 7 gallons ready to apply. $\frac{1}{2}$ lb., 20c; lb., 35c; 5 lbs., \$1.25; 10 lbs., \$2.25; 25 lbs., \$6.50.

BLACK LEAF 40. A solution of Nicotine Sulphate. It is highly recommended by Experiment Stations throughout the United States as a spray for plant lice, thrips, aphids and red spider. One ounce will make 6 gallons of spray material. Oz., 35c; $\frac{1}{2}$ lb., \$1.25; 2 lbs., \$3.50; 10 lbs., \$13.75.

CALCIUM ARSENATE POWDER. For dusting use 10 to 15 pounds to 90 pounds of Hydrated Lime. For wet spraying use 1 to 2 $\frac{1}{2}$ pounds to 50 gallons of water to which should be added an equal amount of Lime. Do not use on peach, plum or other plants having tender foliage. $\frac{1}{2}$ lb., 25c; lb., 45c; 5 lbs., \$1.75; 10 lbs., \$3.25.

DY-SECT. For rose bugs, beetles, curculio, hard-bodied insects use one part Dy-Sect with 30 parts water. For aphids (plant lice), thrips, leaf hopper, green fly, red spider and soft-bodied insects, use one part Dy-Sect with 30 to 50 parts of water. Pt., \$1.00; qt., \$1.75; $\frac{1}{2}$ gal., \$3.25; gal., \$6.00; or a 4-oz. sample can for 30c.

SOLUBLE SULPHUR. Less bulky, lighter, more convenient to handle, will not freeze and cheaper than Lime-Sulphur Solution. For dormant spray 10 to 14 pounds to 50 gallons of water; for Summer spray 2 to 3 pounds to 50 gallons of water. Lb., 40c; 5 lbs., \$1.25; 10 lbs., \$2.00; 25 lbs., \$4.00; 50 lbs., \$7.50; 100 lbs., \$13.50.

LIME-SULPHUR SOLUTION. The standard remedy for San Jose and Oyster Shell scale. Use one part to nine parts of water while trees are dormant. As a Summer spray use one part to 35 parts of water. Qt., 50c; 2 qts., 75c; gal., \$1.15; 5 gals., \$4.00; 30 gals., \$12.00; 50 gals., \$15.00.

FISH OIL SOAP. A wash for insects and eggs on the bark, and for smearing the trunks of trees to prevent worms from crawling up. Lb., 35c; 5 lbs., \$1.50.

FLOWERS OF SULPHUR. For mildew on plants. Lb., 10c; 5 lbs., 40c; 10 lbs., 65c; 25 lbs., \$1.50.

FORMALDEHYDE. A preventive of fungoid diseases as potato scab, smuts, musty corn, damping off of seedlings, club root, etc. The solution is one pound (1 pint) to 15 to 20 gallons of water. 1-lb. bottle, 50c.

FUNGINE. A remedy for fungus. Use one part to from 35 to 50 parts of water. Qt., \$1.00; gal., \$3.00.

HELLEBORE. A poison for leaf-eating insects. $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 40c; lb., 65c; 5 lbs., \$3.00.

MAG-O-TITE. Protects crops against the ravages of the root maggot and other garden pests; also eradicates earth worms. 2 lbs., 40c; 4 lbs., 65c; 8 lbs., \$1.10; 25 lbs., \$3.00.

MELROSINE. Definite death for rose insects. Spray during day and only after first bugs appear. One pint to 2 $\frac{1}{2}$ gallons of spray. Keeps indefinitely. (Not mailable). Trial size, 50c; pt., \$1.00; qt., \$1.75; $\frac{1}{2}$ gal., \$3.25; gal., \$6.00.

NICO-FUME TOBACCO PAPER. A paper strongly saturated with pure nicotine. One sheet for 2000 cubic feet. 24 sheets, \$1.25; 144 sheets, \$5.50; 288 sheets, \$10.00.

NICO-FUME LIQUID. Use one part to 500 parts water; one tablespoonful to 1 $\frac{1}{2}$ pints of water. (Not mailable). $\frac{1}{4}$ lb., 75c; lb., \$2.25; 4 lbs., \$8.00; 8 lbs., \$15.00. (Weight about 8 pounds to the gallon).

NIAGARA POTATO DUST D-18. For blight and bugs. Contains Copper Sulphate, Lime and Calcium Arsenate. Lb., 40c; 5 lbs., \$1.35; 10 lbs., \$2.25; 25 lbs., \$5.00; 50 lbs., \$8.50; 100 lbs., \$13.00.

NIAGARA P. A. NICOTINE CONTACT DUST. 4% actual nicotine. For the control of aphids, red bugs, cucumber beetle, squash stink bug, and other sucking insects. Lb., 50c; 5 lbs., \$2.00; 10 lbs., \$3.25; 25 lbs., \$7.00; 50 lbs., \$12.50; 100 lbs., \$21.00.

PARADICHLOROBENZINE. For peach tree borer. When placed around the base of a peach tree, will generate a gas that will kill the borers in that tree. Full information contained in Bulletin 796 issued by U. S. Department of Agriculture, Bureau of Entomology. Directions on container. Lb., 75c.

PARIS GREEN. Kills bugs, worms and slugs. Used as powder, mix one part to 100 parts of flour; or in solution one pound to 200 to 300 gallons of water. (Not mailable). $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 35c; lb., 65c; 5 lbs., \$3.00.

PYROX. A paste mixture of Arsenate of Lead and Bordeaux. Effective as a combination spray for fungus, blights and leaf-eating insects. Use one pound to 5 gallons of water. Lb., 50c; 5 lbs., \$1.75; 10 lbs., \$3.00.

RAT POISON. (Barium Carbonate). Mix with meat, cheese, apples, etc., and place where rats run for several nights until rats disappear. 25c per box.

SCALECIDE. For San Jose scale. Non-poisonous petroleum preparation. Mix one gallon to 16 gal. of cold water. Use in late Fall, Winter or early Spring, when foliage is off. (Not mailable). Qt., 60c; gal., \$1.50; 5 gals., \$6.50; 10 gals., \$12.00; bbl. (50 gals.), \$38.00.

SLUG SHOT. The best known remedy for cabbage and currant worms. A non-poisonous powder, applied by dusting on the plants. Non-injurious to animals or fruit and vegetables treated. Lb., 20c; 5 lbs., 60c; 25 lbs., \$2.75.

SULFOCIDE. Effective against some fungus diseases of certain fruits, vegetables and flowers; non-poisonous. Dilute one gallon to 200 gallons of water. Pt., 50c; qt., 75c; gal., \$2.25.

SULPHATE OF IRON. A remedy for weeds on lawns, kills dandelions without injuring grass. Liquid should be applied with a fine spray. Full particulars on application.

TOBACCO DUST. Extra fine. For fumigating, dusting and a preventive against insects. Lb., 20c.

TOBACCO DUST. Fine. Bulk, lb., 10c; 5 lbs., 40c; 25 lbs., \$1.50; 100 lbs., \$5.00.

TREE TANGLEFOOT. Painted around trees in the form of a band, it is an effectual barrier to caterpillars crawling into the tree from the ground. Lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.25; 20 lbs., \$8.00; 25 lbs., \$9.75.

TREE SURGERY GUM. For cementing wounds in trees. Lb., 35c; 5 lbs., \$1.50.

WEED KILLER. For weeds in walks, drives and tennis courts. One quart to ten gallons of water. Qt., 60c; gal., \$1.75.

WORM ERADICATOR, READE'S. This preparation is recommended as a killer of certain worms which are found at the roots of trees, shrubs, plants, flowers, grape vines, etc. It may also be used on golf greens to kill certain worms. It is intended for use on the ground only. Do not apply it to foliage of any kind. 8-oz. bottle, 50c; 24-oz. bottle, \$1.00; 1-gal. bottle, \$4.00.

Tools and Supplies

CULTURES. Nodogen. For clovers and all other legumes. $\frac{1}{2}$ bu. size, 75c; bu. size, \$1.00; Garden size for Peas, Sweet Peas and Beans, 25c.

BIRD HOUSES, LINCOLN WREN HOUSE. \$1.25.

DIBBLES. For setting plants and bulbs. Iron point. 65c.

FORKS. Spading. \$2.00.

FORKS. Potato. \$2.00.

GARDEN LINE. Italian Hemp. 50 ft., 75c; 100 ft., \$1.35.

GRAFTING WAX. $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; lb., 40c.

GRASS EDGING KNIFE. Wheel type, \$2.25; plain, \$1.25.

GRASS HOOK or SICKLE. No. 30, 75c; No. 40, \$1.00.

HANGING BASKETS. Woven wire. 8 in., 35c; 10 in., 50c; 12 in., 60c; 14 in., 75c; 16 in., 90c.

HOES, GARDEN. \$1.00 and \$1.50. Ladies', \$1.00; Scullie, \$1.25; Heart-shaped, \$1.25.

KNIVES. Budding Knife, \$1.50; Pruning Knife, \$1.25.

LABELS. Pot and Garden. Wood, painted.

	100	1000
4 in.	\$0.35	\$ 3.00
5 in. ....	.40	3.25
6 in. ....	.45	4.00
8 in.	1.50	9.00
10 in.	1.75	10.00
12 in.	2.00	12.50
Copper wired tree labels	.45	3.50
Simplex Weather-proof Labels. Writing protected by a transparent cover.		

	Doz.	100
No. 1, 3 x $\frac{1}{2}$ in.	\$0.50	\$ 2.75
No. 2, 4 x $\frac{3}{4}$ in. ....	.80	4.75
No. 3, 5 x 1 in.	1.25	6.50

LAWN MOWERS.

No. 1, 14 in. cut. Stearns	\$14.00
No. 2, 16 in. cut. Stearns	16.00
No. 3, 18 in. cut. Stearns	18.00
Great American. A high grade machine.	
15 in. cut	19.50
17 in. cut	22.50
19 in. cut	25.00

MOLE TRAPS. Reddick. \$1.25.

	Each	Doz.	100
3 ft.	\$0.10	\$1.00	\$ 8.00
4 ft. ....	.15	1.50	12.00
5 ft. ....	.20	2.00	14.00
Extra heavy, 5 ft. ....	.25	2.50	15.00

PLANT STAKES. Green painted bamboo.

	Doz.	100
2 ft.	\$0.25	\$1.50
3 ft. ....	.30	2.00
4 ft. ....	.40	2.50
6 ft. ....	.55	3.00

ADJUSTO PLANT SUPPORTS.

	Each	Doz.	100
3 ft.	\$0.20	\$2.00	\$14.00
4 ft. ....	.25	2.25	16.00
5 ft. ....	.30	2.50	18.00

RAPIA. A sort of grass much used for tying plants, also in making baskets. Natural color. 25c per lb.

ROLLERS, LAWN. Dunham water weight roller. The best. Diameter 18 in.; width 24 in.; weight, empty, 85 lbs.; filled with water, 300 lbs. \$22.25.

SAWS, PRUNING. 20-in. blade, \$1.75. California pattern, curved, 14-in. blade, \$1.25.



"Rain King Sprinkler.



Two-Purpose Sprinkler.

SPRINKLER "RAIN KING." Furnishes revolving or stationary spray; fine or coarse spray. \$3.50 each.

SPRINKLER, TWO PURPOSE. The pistol grip adjustable hose nozzle and stationary garden spray. \$2.00 each.

SHEARS, BORDER. Horizontal or vertical, \$4.50; Grass, 75c; A-1 grade, \$1.00.

SHEARS, HAND PRUNING. No. V-12, \$1.25; No. V-140, with take-up adjustment, \$2.00; No. V-15, extra heavy, \$3.50; Ladies' Nickel Plated, \$2.00; Lopping Shears, \$2.50; Tree Pruners, Waters, 8 ft., \$2.75; 10 ft., \$3.00; 12 ft., \$3.25.

SPADES. Long handle, \$1.50; D handle, \$1.50.

SPUDS. Dandelion. Each, 35c.

RAKES, LAWN. Wood, self-cleaning. \$1.00 each. Wire, 24 in., \$1.00 each. Steel garden rake, 14 in., \$1.25 each.

RAKES, JAPAN BROOM. Light and durable. \$1.25 each.

TRELLIS. Wire, 2 feet wide, any length. 40c per foot. Wooden, 2 feet wide, 9 feet high. Price, knocked down, \$1.50; assembled and painted, \$2.25.

TROWELS. English pattern. 35c each. All steel. 50c. Transplanting Trowel. 35c each.

PLANT TUBS. Green painted cedar. Welded hoops.

No.	Inside Diameter	Stave Length	Each
No. 2	10 in.	11 in.	\$1.25
No. 3	12 in.	13 in.	1.75
No. 4	14 in.	15 in.	2.25
No. 5	16 in.	17 in.	2.75
No. 6	18 in.	19 in.	3.50
No. 7	20 in.	20 in.	4.00

WATERING CANS. Standard, 8 qt., \$1.00; 10 qt., \$1.25; 12 qt., \$1.50. French Oval. Extra heavy; two roses. 4 qt., \$4.25; 6 qt., \$4.75; 8 qt., \$5.00; 10 qt., \$5.50. Wotherspoon. Round; two roses. 4 qt., \$3.75; 6 qt., \$4.00; 8 qt., \$4.50; 10 qt., \$4.75.

WEEDERS, HAND. Little Magic. 25c each. Excelsior. 25c each. Lang's. 25c each.

WEED EXTRACTORS. 35c each.

WHEELBARROWS, GARDEN. The Missouri. A good substantial garden wheelbarrow at a moderate price. \$6.75 each.

HOSE. Our special Pioneer Cord. Built like a cord tire, and will wear like one. $\frac{3}{4}$ -in. 15c per foot.

HOSE ACCESSORIES.

Clamps, brass. 5c each; 45c per doz.
Couplings. Heavy bronze. 15c each; \$1.50 per doz.
Menders, bronze. 15c each; \$1.25 per doz.
Siamese or Y Connection, bronze. \$1.25 each.
Washers, rubber. 5c per doz.

HOSE NOZZLES. \$1.00 each. Fountain Lawn Sprinkler. \$1.00. Half Circle Sprinkler. 75c. Rose Nozzle. 75c.

HOSE REELS. Wood. \$2.25. Steel. \$2.75.

FLOWER POTS. Standards, Azaleas, Bulb Pans.

Size	Each	Doz.	100	1000
2 in.	\$0.03	\$ 0.20	\$ 1.25	\$11.25
2½ in. ....	.03	.25	1.65	15.00
3 in. ....	.03	.30	2.25	19.50
4 in. ....	.05	.50	3.50	30.00
5 in. ....	.08	.85	6.00	54.00
6 in. ....	.12	1.35	10.00	81.00
7 in. ....	.18	1.80	14.75	135.00
8 in. ....	.25	2.85	22.50	195.00
9 in. ....	.40	4.25	30.00	
10 in. ....	.55	5.75	40.50	
12 in.	1.10	12.00	82.50	

FLOWER POT SAUCERS.

	Each	Doz.		Each	Doz.
3 in.	\$0.03	\$0.30	8 in.	\$0.10	\$1.15
4 in. ....	.04	.45	9 in. ....	.15	1.50
5 in. ....	.05	.50	10 in. ....	.20	2.00
6 in. ....	.07	.70	12 in. ....	.30	3.00
7 in. ....	.08	.85			

NEPONSET WATERPROOF PAPER FLOWER POTS.

	Doz.	100	1000
2½ in.	\$0.15	\$0.85	\$ 6.00
3 in. ....	.20	1.15	7.50
4 in. ....	.30	2.00	12.00
5 in. ....	.35	2.50	18.00
6 in. ....	.50	3.00	22.50

TWINE.

Binder. 8-lb. balls. At market price.

Jute. For bunching. Two- three- and four-ply. In balls. At market price.

Many Ends. Two-ply. 100 strands to a rope, in 50-lb. reels. At market price.

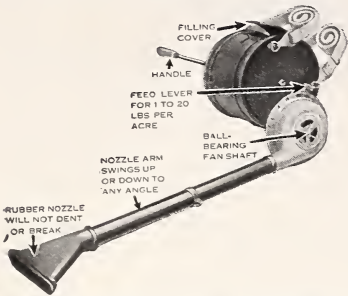
TAPE. For tying asparagus and celery. 1000 yds. per spool.

No. 17. Fast, red, narrow tape. \$3.50 per spool.

No. 25. Fast, stiff, red, wide tape. \$4.75 per spool.

Dusters and Niagara Dusting Materials

The Savage Duster



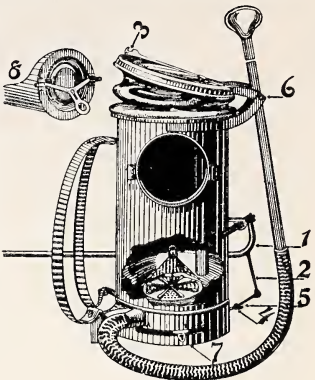
Recommended for Row Dusting.

A free running, easy cranking machine. Discharge can be controlled to a given number of pounds per acre. Feeds the same quantity whether completely or partially full. Capacity 7 to 10 pounds. Price, \$20.00.

The Cyclone Bellows Duster

Recommended for Both Hill and Row Dusting.

The largest, lightest and most powerful hand duster made. Weighs only 16 lbs. and holds 25 lbs. of average dust. Dusts truck crops at an average walking speed, and dusts the under side of leaves. Ten different adjustments for amount of dust delivered. Positive dust grinding feature. No cogs, gears or other delicate parts. All straight lever action. Feeds the same quantity whether completely or partially full. Equipped with both a hoop, and a funnel-shaped hood for use with nicotine dust on either rows or hills. Price, \$20.00.



ATTENTION MARKET GARDENERS, FRUIT GROWERS and HOME GARDENERS

Niagara Dry Dusts applied at the proper time will control disease and insect pests on your crops and orchards more effectively than liquid sprays, and in one-fourth the time.

NIAGARA D-18 DUST positively prevents **blight** on your crops; also is 100 per cent effective against chewing insects such as potato bugs, cabbage and tomato worms. Use early in the morning when the air is calm and the dew is on the leaves.

NIAGARA P-A NICOTINE DUST (4% actual Nicotine). Destroys lice or aphids on cabbage, cauliflower, kale and all other vegetables by its fumes. This dust will kill both the **cucumber beetle** and the **squash stink bug**. We recommend when dusting with P-A Nicotine Dust using either a funnel-shaped hood on the spout of the duster for hill dusting, or a cloth drag for row dusting.

This apparatus makes the dust more effective by confining the fumes, and consequently uses less material. We carry these hoods in stock for all makes of hand dusters. Ask for one when buying Nicotine dust. To be effective, Nicotine Dust should be applied when the temperature is 65 degrees or above. We recommend applying Nicotine Dust after 4:30 p. m., when the air is calm, but still warm.

The following growers have used **Niagara D-18 Dust** for the control of **blight** on celery, also **P-A Nicotine Dust** for the control of **aphids** or **lice**, **cucumber beetle**, and the **squash stink bug**. Ask them about results.
Breitmeyer Bros. Van Dyke Ave., Detroit, Mich.
Joseph Adams, Ryan Rd., Warren, Mich.
John Busch, Ryan Rd., Warren, Mich.
John Hertz, Ryan Rd., Warren, Mich.
G. P. Mertz & Sons, Warren, Mich.

NIAGARA DUSTING SCHEDULE

Crop	Disease or Insect.	Dust to Use	When	Amount Per Acre
Strawberries	Leaf Spot	85-15	Before blossoms open.	35 lbs.
	Weevil		1. When weevil appears. 2. One week later.	
Asparagus	Mildew	D-6	When leaves open.	10 lbs.
	Rust		Three applications two weeks apart beginning after cutting stops.	
Beans	Beetles	P-A	As soon as beetles appear.	20 lbs.
	Anthracnose	D-6	1. When beans bloom. 2. Repeat three applications at two-week intervals.	
Cabbage and Cauliflower	Blight	D-18	Once a week for four weeks after plants are set out.	20 lbs.
	Worms	P-A	When worms appear.	
Celery	Aphis or Lice	P-A	Whenever lice appear.	15 lbs.
	Caterpillar	D-18	1. Four applications in seed-bed, five days apart. 2. Every two weeks throughout the season.	
Cucumbers, Squash and Melons	Blight	D-6	1. When vines reach 12 inches in length. 2. Repeat at intervals of 14 days.	20 lbs.
	Anthracnose	P-A	When insects are present.	
Kale and Spinach	Beetles, Stink Bugs, Lice	P-A	When leaves are two inches long.	20 lbs.
	Blight	D-6	2. Repeat at two-week intervals.	
Lettuce	Aphis or Lice	P-A	When they appear.	10 lbs.
	Aphis or Lice	P-A	When they appear.	
Onion	Thrips	P-A	When they appear.	25 lbs.
	Aphis or Lice	P-A	When they appear.	
Pea	Potato Bugs	P-A	When they appear.	50 lbs.
	Blight	D-18	1. When plants are ten inches high. 2. Repeat six to twelve applications at intervals of from ten to fifteen days.	
Rhubarb	Mildew and Blight	Sulfodust	Use in Rhubarb house.	25 lbs.
Tomatoes	Blight	D-18	When in field.	
	Fruit Worms and Horn Worms		About time of first bloom, continue at intervals of 10 to 14 days through season.	15 lbs.

PRICE LIST OF NIAGARA DUSTING MATERIALS

	5 lbs.	10 lbs.	25 lbs.	50 lbs.	100 lbs.
P-A (4% Actual Nicotine)	\$2.00	\$3.25	\$7.00	\$12.50	\$21.00
D-18 (20% Copper Sulphate and 25% Calcium Arsenate)	1.35	2.25	5.00	8.50	13.00
D-6 (20% Copper Sulphate)	1.35	2.25	4.50	7.00	10.50
Sulfodust	1.00	1.50	3.00	4.50	5.50
85-15 (85% Sulphur and 15% Arsenate of Lead)	1.25	2.00	3.75	6.25	9.50

NIAGARA DRY DUSTS OPERATE IN ALL STANDARD DUSTERS.
WRITE FOR NIAGARA BOOKLET "WHEN AND HOW TO DUST."



Lohrman's Best Selected Lawn Grass Seed

Lohrman's Evergreen Lawn Seed

With the ground carefully prepared, graded and rolled, the seed sown at the rate of 80 pounds per acre, and with the lawn then frequently mown and rolled, it is within reach of everyone to have as fine a lawn as one desires. Old lawns are greatly benefited if given a thorough raking as early in the Spring as the weather will permit, and then some fresh seed sprinkled on, which will renew the thin places and spots that have been killed out by weeds or other causes.

The quantity required for making new lawns is about 100 pounds per acre, or for renovating old lawns, 50 pounds. For a space 15x20 or 300 square feet, one pound is required for new, or one-half pound for renovation. In order to produce the best results, grass seed for lawns should be sown at least twice as thickly as if sown for hay. Sow in March to June, or in September to October. When cutting the grass, don't cut too short, as the sun dries the roots.

Lohrman's Evergreen Lawn Grass Seed is a compound of grasses which ripen successively, thereby always presenting a green, velvety and cheerful appearance. In order to produce permanent results, first quality goods only must be used. In no branch is it more true than in that of seeds. In our Evergreen Lawn Mixture one grade, and that the highest, is rigidly adhered to. **Lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.00; 20 lbs., \$7.50; 100 lbs., \$35.00.**

Shady Lawn Seed

On nearly all lawns there are unsightly spots caused by the fact that ordinary varieties of grasses used for lawns do not do well in the shade; consequently we have prepared a mixture of grasses which naturally grow in shady spots. Before sowing in such places, it is well to rake off the surface thoroughly and then apply Evergreen Lawn Lime. Use one pound of Shady Spot for every 300 square feet. **Lb., 65c; 5 lbs., \$3.00; 10 lbs., \$5.50; 100 lbs., \$50.00.**

Putting Green Mixture

This mixture is especially valuable for putting greens, terraces, bowling greens or situations that require a tough, resistant turf. It is composed of the finest imported grasses, selected and mixed with the utmost care. **Lb., \$1.00; 5 lbs., \$4.75; 10 lbs., \$9.00.**

Grasses for Lawns

Prices on Grass Seed Subject to Change.

Kentucky Blue Grass, Extra Fancy Seed for Lawns

One of the most widely distributed and valuable native grasses. It is a true perennial, lasting indefinitely and

improving every year. It forms a close turf, starts very early in the Spring and lasts until frost. It remains small the first year, but becomes fully established the second year. It is especially valuable as a pasture grass, and is also one of the very best grasses for the lawn. **Lb., 60c; 5 lbs., \$2.75.**

Red Top, Fancy Extra Recleaned Seed for Lawns

A very hardy native grass and probably the most perennial variety we have. Red Top accommodates itself to a variety of soils, even to quite dry situations, but succeeds best on moist land. After being once established, it thickens and improves year by year, taking possession of the land and gradually supplanting other grasses. **Lb., 40c; 5 lbs., \$1.75.**

English or Perennial Rye Grass

Invaluable for permanent pastures. It produces an abundance of remarkably fine foliage and soon forms a compact sward. After being cut, it grows up in a very short time and remains bright and green throughout the season; it consequently is well adapted for lawn mixtures. **Lb., 40c; 5 lbs., \$1.75.**

Creeping Bent Grass

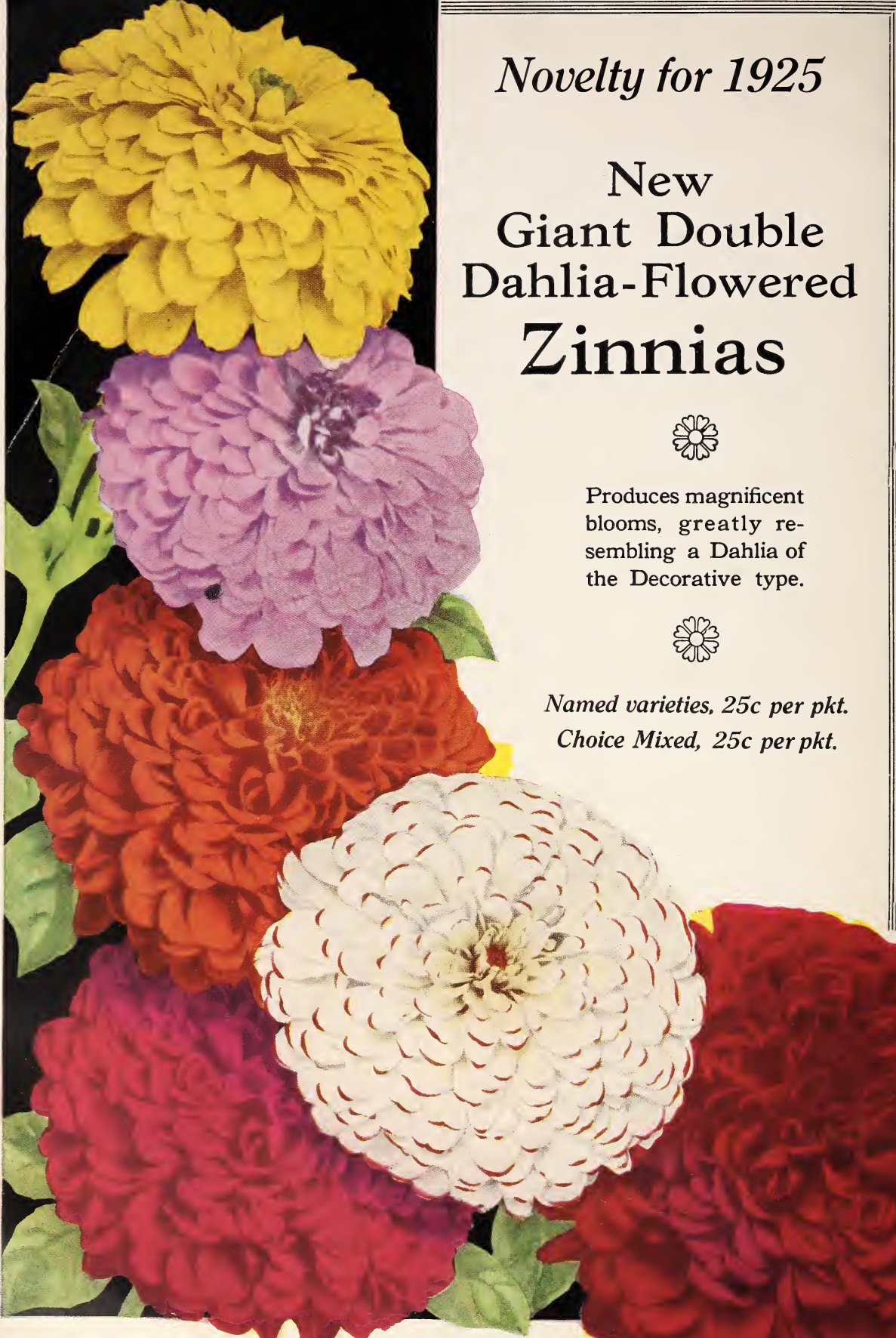
One of the best for putting greens, developing a fibrous turf which withstands the severest usage. It is a splendid grass also for hay and pasture on bottom lands and not too heavy soil. **Lb., \$1.25.**

Chewings Fescue

Used extensively for golf courses, and is one of the best grasses for this purpose, as it is creeping in habit and soon forms a solid, compact turf. A single plant will spread to be a foot in diameter. Valuable for terraces or exposed hillsides. Does well on thin or poor soils and is extremely resistant to drought. **Lb., 75c; 5 lbs., \$3.50.**

White Dutch Clover for Lawns

This is of particular value in mixtures in permanent pastures and lawns and will grow on almost any kind of soil. Being very hardy and of creeping habit, it will also prevent the ground from being washed away by heavy rains. White Dutch Clover is used mainly for sowing in mixtures with other grass seeds, especially with Blue Grass. 5 to 6 pounds per acre. **Lb., 90c; 5 lbs., \$4.00.**



Novelty for 1925

New
Giant Double
Dahlia-Flowered
Zinnias



Produces magnificent
blooms, greatly re-
sembling a Dahlia of
the Decorative type.



Named varieties, 25c per pkt.

Choice Mixed, 25c per pkt.